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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) $257

6. Preliminary examination fee (Rule 58) $800

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) 257 $

6. Taxe d'examen préliminaire (Règle 58) 800 $

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of January 30, 2018 contains applications open to public inspection from January 14, 2018 to January 20, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 30 janvier 2018 contient les demandes disponibles au public pour consultation pour la période du 14 janvier 2018 au 20 janvier 2018.

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[54] **SOURCE DE LUMIERE COMPRENANT UN EMETTEUR DE LUMIERE DISPOSE A L'INTERIEUR D'UNE ENVELOPPE EXTERIEURE TRANSLUCIDE**
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[72] HOSKENS, ROGER C. P., NL
[72] WEGH, RENE T., NL
[72] AMPALATHUMKAL GEORGE, NIBU, NL
[72] DUAN, XIAOQING, NL
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[54] **PLATEAUX DE CONFINEMENT DE DEVERSEMENT DE BATTERIE, SYSTEMES DE CONFINEMENT DE DEVERSEMENT DE BATTERIE ET PROCEDES DE CONFINEMENT DE DEVERSEMENT DE BATTERIE**
[72] FRAZIER, DOUGLAS, US
[72] MALLORY, CHET, US
[73] ENVIRONMENTAL COMPLIANCE SOLUTIONS, LLC, US
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[72] VOGLER, MICHAEL R., US
[73] SUNCAST TECHNOLOGIES, LLC, US
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[72] HSIA, EDWARD, US
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[54] **FEUILLE MICROPOREUSE POUR BATTERIES, DOTEE D'UNE FONCTION DE DECONNEXION**
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[72] CHIAU, CHOO CHIAP, NL
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[54] **GREFFE OSSEUSE ET BIOCOMPOSITE POUR LA DENTISTERIE PROTHETIQUE**
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[54] **PYRIMIDINYL ET 1,3,5-TRIAZINYL BENZIMIDAZOLES ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] REWCASTLE, GORDON WILLIAM, NZ
[72] TSANG, KIT YEE, NZ
[72] GAMAGE, SWARNALATHA AKURATIYA, NZ
[72] GIDDENS, ANNA CLAIRE, NZ
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[54] **PROCEDE DE DEFILEMENT DE TERMINAL MOBILE ET APPAREIL POUR METTRE EN □UVRE CE DERNIER**
[72] KIM, MEE YOUNG, KR
[72] LEE, SUNG SIK, KR
[72] YOON, KYOUNG SIK, KR
[72] KIM, BYUNG JOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **SYSTEME ET PROCEDE DE DIFFUSION EN MODE CONTINU DE TEXTE EN TEMPS REEL**
[72] RAHEJA, VIRENDRA, AU
[72] CHOPRA, NAGESH, AU
[73] ACCESS INNOVATION MEDIA PTY LTD, AU
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[54] **UTILISATION DE 4-AMINOPYRIDINE POUR AMELIORER UN DYSFONCTIONNEMENT NEUROCOGNITIF ET/OU NEUROPSYCHIATRIQUE DANS DES PATIENTS ATTEINTS D'ETATS DEMYELINISANT ET D'AUTRES ETATS DU SYSTEME NERVEUX**
[72] WESSEL, THOMAS C., US
[72] BLIGHT, ANDREW, US
[73] ACORDA THERAPEUTICS, INC., US
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[54] **APPAREIL DE RINCAGE A CONTRE-COURANT AUTOMATIQUE POUR UNITE DE TRAITE AUTOMATIQUE D'ANIMAL LAITIER ET SYSTEME ET PROCEDE RELATIFS A UN APPLICATEUR DE PRODUIT DE TREMPAGE DES TRAYONS**
[72] TORGERSON, KEVIN L., US
[72] HEDLUND, NATHAN, US
[72] STUESSEL, MATTHEW J., US
[73] GEA FARM TECHNOLOGIES, INC., US
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[54] **PROCESS FOR PREPARING 3-[(4S)-8-BROMO-1-METHYL-6-(2-PYRIDINYL)-4H-IMIDAZO[1,2-A][1,4]BENZODIAZEPINE-4-YL]PROPIONIC ACID METHYL ESTER OR THE BENZENE SULFONATE SALT THEREOF, AND COMPOUNDS USEFUL IN THAT PROCESS**
[54] **PROCEDE DE PREPARATION D'ESTER METHYLIQUE DE L'ACIDE 3-[(4S)-8-BROMO-1-METHYL-6-(2-PYRIDINYL)-4H-IMIDAZO[1,2-A][1,4]BENZODIAZEPIN-4-YL]PROPIONIQUE OU DU SEL DE TYPE BENZENESULFONATE DE CELUI-CI ET COMPOSES UTILES DANS CE PROCEDE**
[72] TILBROOK, STUART GARY, GB
[72] SCHUMACHER, ANDREAS, DE
[72] EMMENEGGER, RENE, CH
[73] PAION UK LIMITED, GB
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[54] **PROTEIN A CRYSTALS AND CROSS-LINKED CRYSTALS AND METHODS OF USE THEREOF**
[54] **CRISTAUX ET CRISTAUX RETICULES DE PROTEINE A ET LEURS PROCEDES D'UTILISATION**
[72] SHENOY, BHAMI, US
[72] PATEL, REENA, US
[72] BALADI, SIBYL, US
[72] MCGRATH, MARGARET, US
[72] KHALAF, NAZER, US
[72] RANDHAWA, CHANCHAL, US
[73] AJINOMOTO ALTHEA, INC., US
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[72] NOON, JOHN M., US
[72] SELLMAN, RYAN, US
[72] SELLERS, TIMOTHY M., US
[72] SHANAMAN, MATTHEW, US
[73] DEPUY SYNTHES PRODUCTS, INC., US
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[54] **REMOVAL OF AN ACCUMULATED FROZEN SUBSTANCE FROM A COOLING UNIT**
[54] **RETRAIT D'UNE SUBSTANCE CONGELEE ACCUMULEE A PARTIR D'UNE UNITE DE REFROIDISSEMENT**
[72] GHAN, MICHAEL A., US
[72] CONANT, JAMES R., US
[73] THE CONTROLS GROUP, INC., US
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[54] **TRAITEMENTS THERMIQUES D'ACIERS MARTENSITIQUES INOXYDABLES APRES REFUSION SOUS LAITIER**
[72] FERRER, LAURENT, FR
[72] PHILIPSON, PATRICK, FR
[73] SNECMA, FR
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[54] **A NON-RETURN VALVE ASSEMBLY OF THE PIVOTING FLAP TYPE, TYPICALLY FOR INSERTION IN FLOOR DRAINS**
[54] **ENSEMBLE CLAPET DE NON-RETOUR A VOLET PIVOTANT, GENERALEMENT DESTINE A ETRE INSERE DANS DES SIPHONS DE SOL**
[72] KIRK, LYN, AU
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[54] **METHOD AND KIT FOR MEASURING COMPONENT TO BE ASSAYED IN SPECIMEN**
[54] **PROCEDE POUR DOSER UN COMPOSANT A DOSER DANS UN SPECIMEN ET KIT DE DOSAGE**
[72] KAWAMURA, MIZUHO, JP
[73] KYOWA MEDEX CO., LTD., JP
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[54] **COATED DRUG SPHEROIDS AND USES THEREOF FOR ELIMINATING OR REDUCING CONDITIONS SUCH AS EMESIS AND DIARRHEA**
[54] **SPHEROIDES DE MEDICAMENT ENROBES ET UTILISATIONS DE CEUX-CI POUR ELIMINER OU REDUIRE DES AFFECTIONS TELLES QUE LE VOMISSEMENT ET LA DIARRHEE**
[72] RAO, SRIPRIYA VENKATA RAMANA, US
[72] SHAH, SYED MUZAFAR, US
[72] DIORIO, CHRISTOPHER RICHARD, US
[72] VENCL-JONCIC, MAJA, US
[72] MURPHY, EUGENE JAMES, US
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[54] **METHODS OF USE OF PROBIOTIC LACTOBACILLI FOR COMPANION ANIMALS**
[54] **PROCEDES D'UTILISATION DE LACTOBACILLI PROBIOTIQUES CHEZ DES ANIMAUX DE COMPAGNIE**
[72] BOILEAU, THOMAS WILLIAM-MAXWELL, US
[72] CEDDIA, MICHAEL ANTHONY, US
[72] DAVENPORT, GARY MITCHELL, US
[72] KIELY, BARRY PIUS, US
[72] O'MAHONY, LIAM DIARMUID, IE
[72] SUNVOLD, GREGORY DEAN, US
[72] TETRICK, MARK ALAN, US
[72] VICKERS, ROBERT JASON, US
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[54] **PROCEDE ET DISPOSITIF DE SECHAGE DE PLAQUES DE PLATRE**
[72] STRAETMANS, CHRISTOPH, DE
[72] LANG, KARL FRIEDRICH, DE
[73] GRENZEBACH-BSH GMBH, DE
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[54] **A MECHANICAL DRIVE TRAIN WITH A MOTOR AND AN ECCENTRIC FOR A RESONANT POWER TOOTHBRUSH**
[54] **TRAIN D'ENTRAINEMENT MECANIQUE AVEC UN MOTEUR ET UN EXCENTRIQUE POUR BROSSE A DENTS ELECTRIQUE RESONANTE**
[72] KLOSTER, TYLER G., US
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[54] **COMPOUND SEA CUCUMBER PRODUCT, PREPARATION METHOD, AND DOSAGE FORMS THEREOF**
[54] **PRODUIT DE COMPOSE DE CONCOMBRE DE MER, PROCEDE DE PREPARATION ET FORMES DE PREPARATION DE CELUI-CI**
[72] JIAO, JIAN, CN
[72] SHAO, JUNJIE, CN
[73] DALIAN HAIYANTANG BIOLOGY CO., LTD., CN
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[54] **GESTES DE PINCEMENT ET D'EXTENSION MULTI-ECRAN**
[72] HINCKLEY, KENNETH P., US
[72] YATANI, KOJI, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **USE OF SUCCINATE DEHYDROGENASE (SDH) INHIBITORS IN TREATING PLANT SPECIES OF THE FAMILY OF TRUE GRASSES**
[54] **UTILISATION D'INHIBITEURS DE LA SUCCINATE DESHYDROGENASE (SDH) DANS LE TRAITEMENT D'ESPECES VEGETALES DE LA FAMILLE DES GRAMINACEES**
[72] EBBINGHAUS, DIRK, DE
[72] KRIEG, ULRICH, DE
[72] BERDUGO AGUDELO, CARLOS ANDRES, DE
[72] OERKE, ERICH-CHRISTIAN, DE
[72] DEHNE, HEINZ-WILHELM, DE
[72] STEINER-STENZEL, ULRIKE, DE
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[54] **OUTIL DE FORMAGE**
[72] HINZPETER, UDO, DE
[73] ROCTOOL, FR
[85] 2012-08-21
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[54] **FLUID CHROMATOGRAPHY INJECTORS AND INJECTOR INSERTS**
[54] **INJECTEURS DE CHROMATOGRAPHIE EN PHASE LIQUIDE ET TUBES INTERNES D'INJECTEUR**
[72] MANNINO, ROSARIO, US
[72] GOODMAN, WILLIAM, US
[73] PERKINELMER HEALTH SCIENCES, INC., US
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[51] **Int.Cl. C07D 249/12 (2006.01) A61K 31/4196 (2006.01) A61P 9/00 (2006.01) C07D 401/06 (2006.01) C07D 403/06 (2006.01) C07D 409/06 (2006.01) C07D 409/14 (2006.01) C07D 413/06 (2006.01) C07D 413/14 (2006.01) C07D 417/06 (2006.01)**
[25] EN
[54] **BISARYL-BONDED ARYLTRIAZOLONES AND USE THEREOF**
[54] **ARYLTRIAZOLONE LIEE A UN BIS-ARYLE ET SON UTILISATION**
[72] FUERSTNER, CHANTAL, DE
[72] KELDENICH, JOERG, DE
[72] DELBECK, MARTINA, DE
[72] KOLKHOF, PETER, DE
[72] KRETSCHMER, AXEL, DE
[72] PLUSCHKELL, INGO, DE
[72] POOK, ELISABETH, DE
[72] SCHMECK, CARSTEN, DE
[72] TRUEBEL, HUBERT, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2012-08-24
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[51] **Int.Cl. C12M 1/00 (2006.01)**
[25] EN
[54] **SEPARATION OF ANTIGEN-SPECIFIC MEMORY B CELLS WITH A CONJUGATED BIOPOLYMER SURFACE**
[54] **SEPARATION DE LYMPHOCYTES B MEMOIRE SPECIFIQUES D'ANTIGENES A L'AIDE D'UNE SURFACE DE BIOPOLYMERE CONJUGUE A UN LIGAND**
[72] SAMPEY, DARRYL B., US
[73] BIOFACTURA, INC., US
[85] 2012-09-07
[86] 2010-03-09 (PCT/US2010/026624)
[87] (WO2010/104828)
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[51] **Int.Cl. B64F 1/00 (2006.01) G01N 30/00 (2006.01) G01N 33/22 (2006.01) G08B 21/12 (2006.01)**
[25] EN
[54] **AIRCRAFT SCREENING DEVICE AND METHOD**
[54] **DISPOSITIF DE DETECTION POUR AERONEF ET METHODE**
[72] NACSON, SABATINO, CA
[73] TEKNOSCAN SYSTEMS, INC., CA
[86] (2796684)
[87] (2796684)
[22] 2012-11-22
[30] US (61/565,471) 2011-11-30

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[13] C
[51] **Int.Cl. F16L 47/03 (2006.01) F16L 13/10 (2006.01) F16L 47/22 (2006.01) F16L 59/18 (2006.01)**
[25] EN
[54] **CASING MEMBER FOR FORMING A CONNECTION BETWEEN TUBULAR SECTIONS AND USE THEREOF FOR FORMING CONNECTIONS**
[54] **ELEMENT D'ENVELOPPE DESTINE A FORMER UNE LIAISON ENTRE DES SECTIONS TUBULAIRES ET SON UTILISATION POUR FORMER DES LIAISONS**
[72] TAILOR, DILIP, CA
[72] DUNN, RONALD J., CA
[72] LAFERRIERE, PASCAL, CA
[72] KLEJMAN, AARON, CA
[73] SHAWCOR LTD., CA
[85] 2012-11-19
[86] 2011-05-17 (PCT/CA2011/050309)
[87] (WO2011/143773)
[30] CA (2,704,406) 2010-05-19

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[13] C
[51] **Int.Cl. H01R 13/648 (2006.01) H01R 9/05 (2006.01) H01R 13/64 (2006.01)**
[25] EN
[54] **PLUG-IN CONNECTOR**
[54] **CONNECTEUR ENFICHABLE**
[72] BLAKBORN, WILLEM, DE
[72] REINER, GREGOR, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2012-11-26
[86] 2011-06-01 (PCT/EP2011/002728)
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[30] DE (20 2010 009 599.9) 2010-06-28

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[25] EN
[54] **(3-METHYLPYRROLIDIN-3-YL) METHYL PYRIDINYL ETHER DERIVATIVES AND THEIR USE AS NK-3 RECEPTOR ANTAGONISTS**
[54] **DERIVES DE (3-METHYLPYRROLIDINE-3-YL) METHYL PYRIDINYLE ETHER ET LEUR UTILISATION COMME ANTAGONISTES DU RECEPTEUR NK-3**
[72] NETTEKOVEN, MATTHIAS, DE
[72] RATNI, HASANE, FR
[72] VIFIAN, WALTER, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2012-12-21
[86] 2011-07-04 (PCT/EP2011/061168)
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[51] **Int.Cl. C09K 5/16 (2006.01) A47J 36/28 (2006.01)**
[25] EN
[54] **PACKAGE HEATING DEVICE AND CHEMICAL COMPOSITIONS FOR USE THEREWITH**
[54] **DISPOSITIF DE CHAUFFAGE GLOBAL ET COMPOSITIONS CHIMIQUES DESTINEES A ETRE UTILISEES AVEC CELUI-CI**
[72] COFFEY, BRENDAN, US
[72] BOOKOUT, TRAVIS, US
[72] KWIATKOWSKI, KRZYSZTOF CZESLAW, US
[73] HEATGENIE, INC., US
[85] 2013-01-02
[86] 2011-07-06 (PCT/US2011/043101)
[87] (WO2012/006374)
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[51] **Int.Cl. E21B 17/042 (2006.01)**
[25] EN
[54] **TORQUE ENHANCED THREADED CONNECTION**
[54] **CONNEXION FILETEE AYANT UN COUPLE AMELIORE**
[72] GEE, RYAN, US
[72] MARCHAND, NICHOLAS RYAN, CA
[72] WANG, DUANE, CA
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2013-01-04
[86] 2011-07-07 (PCT/US2011/043238)
[87] (WO2012/006455)
[30] US (61/361,988) 2010-07-07

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[51] **Int.Cl. C01G 23/053 (2006.01) C08K 3/20 (2006.01) C08L 101/00 (2006.01) C09D 17/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING DISPERSION OF PARTICLES OF RUTILE TITANIUM OXIDE**
[54] **PROCEDE DE FABRICATION D'UNE DISPERSION DE PARTICULES D'OXYDE DE TITANE DE TYPE RUTILE**
[72] MORITA, TAKANORI, JP
[72] NAKAGAWA, KENICHI, JP
[72] NOMURA, ATSUSHI, JP
[73] SAKAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2013-02-13
[86] 2011-08-15 (PCT/JP2011/068813)
[87] (WO2012/023621)
[30] JP (2010-182147) 2010-08-17

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[25] EN
[54] **DEVICE AND SYSTEM FOR DETERMINING, PREPARING AND ADMINISTERING THERAPEUTICALLY EFFECTIVE DOSES**
[54] **DISPOSITIF ET SYSTEME DE DETERMINATION, PREPARATION ET ADMINISTRATION DE DOSES THERAPEUTIQUEMENT EFFICACES**
[72] BOGUE, BEUFORD, A., US
[73] MONOSOL RX, LLC, US
[85] 2013-02-27
[86] 2011-02-23 (PCT/US2011/025804)
[87] (WO2011/106341)
[30] US (12/711,899) 2010-02-24

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[51] **Int.Cl. H01H 11/00 (2006.01) G01R 31/327 (2006.01) H01H 1/00 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKER INTERRUPTER TRAVEL CURVE ESTIMATION**
[54] **ESTIMATION DE LA COURBE DE DEPLACEMENT D'UN INTERRUPTEUR DE COUPE-CIRCUIT**
[72] POELTL, ANTON F., US
[73] ABB SCHWEIZ AG, CH
[85] 2013-02-27
[86] 2011-08-11 (PCT/US2011/047446)
[87] (WO2012/030498)
[30] US (12/872,057) 2010-08-31

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[13] C
[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **ENVIRONMENTALLY SEALED CABLE BREAKOUT ASSEMBLIES**
[54] **ENSEMBLES DE BRANCHEMENT DE CABLES ISOLES DU MILIEU ENVIRONNANT**
[72] STRASSER, MARTIN, CH
[72] TORRI, DAVID, US
[72] VEGA, AXEL, US
[72] WHITCOMB, RANDALL, US
[72] MAHMOOD, NASIR, US
[73] HUBER+SUHNER AG, CH
[85] 2013-03-19
[86] 2011-03-21 (PCT/EP2011/054276)
[87] (WO2012/038104)
[30] US (61/384,827) 2010-09-21

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[13] C
[51] **Int.Cl. B03C 3/86 (2006.01) B03C 3/41 (2006.01)**
[25] EN
[54] **ELECTROSTATIC FINE DUST FILTER SYSTEM, HOLDER FOR AN ELECTRODE, AND ELECTRODE THEREFOR**
[54] **SYSTEME DE FILTRATION DE POUSSIERE FINE ELECTROSTATIQUE, ELEMENT DE RETENUE POUR UNE ELECTRODE ET ELECTRODE CORRESPONDANTE**
[72] JUD, DANIEL, CH
[72] MUELLER, BEAT, CH
[73] JUD, DANIEL, CH
[73] MUELLER, BEAT, CH
[85] 2013-05-03
[86] 2010-11-18 (PCT/CH2010/000291)
[87] (WO2011/060562)
[30] CH (1772/09) 2009-11-18

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[13] C
[51] **Int.Cl. C21C 1/02 (2006.01) C21C 7/064 (2006.01)**
[25] EN
[54] **AGENT FOR TREATING MOLTEN METALS, METHOD FOR THE PRODUCTION AND USE THEREOF**
[54] **AGENT DE TRAITEMENT POUR METAUX EN FUSION, PROCEDE DE PRODUCTION ET UTILISATION DE CET AGENT**
[72] FREISSMUTH, ALFRED (DECEASED), DE
[73] ALMAMET GMBH, DE
[85] 2013-09-04
[86] 2012-01-11 (PCT/EP2012/050397)
[87] (WO2012/095471)
[30] DE (10 2011 008 690.0) 2011-01-15
[30] DE (10 2011 008 691.9) 2011-01-15

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[25] FR
[54] **SPECIAL FLUID COMPOSITION AND USE THEREOF**
[54] **COMPOSITION DE FLUIDE SPECIAL ET UTILISATION**
[72] GERMANAUD, LAURENT, FR
[72] LAMRANI-KERN, SAMIA, FR
[73] TOTAL MARKETING SERVICES, FR
[85] 2013-09-30
[86] 2012-04-05 (PCT/EP2012/056354)
[87] (WO2012/136806)
[30] FR (1153005) 2011-04-06

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[13] C
[51] **Int.Cl. C12Q 1/48 (2006.01)**
[25] EN
[54] **RATIONAL DESIGN OF COMPONENTS OF THE OLIGO-SACCHARYLTRANSFERASE-CATALYSED ASPARAGINE-LINKED GLYCOSYLATION**
[54] **CONCEPTION RATIONNELLE DE COMPOSANTS DE LA GLYCOSYLATION LIEE A L'ASPARAGINE CATALYSEE PAR UNE OLIGOSACCHARYLTRANSFERASE**
[72] AEBI, MARKUS, CH
[72] LOCHER, KASPAR, CH
[72] LIZAK, CHRISTIAN, CH
[73] ETH ZURICH, CH
[85] 2013-10-17
[86] 2012-05-03 (PCT/EP2012/001902)
[87] (WO2012/150034)
[30] EP (11003648) 2011-05-04

[11] **2,835,454**
[13] C
[51] **Int.Cl. H04M 3/46 (2006.01) G06Q 50/20 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR USING CALLER DATA TO ELECTRONICALLY DISSEMINATE A MESSAGE**
[54] **SYSTEMES ET METHODES PERMETTANT D'UTILISER LES DONNEES D'UN APPELANT POUR DISSEMINER UN MESSAGE ELECTRONIQUEMENT**
[72] HUNDEMER, HANK J., US
[73] TRIBUNE BROADCASTING COMPANY, LLC, US
[86] (2835454)
[87] (2835454)
[22] 2013-11-27
[30] US (13/691,287) 2012-11-30

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[13] C
[51] **Int.Cl. A61N 7/02 (2006.01) A61N 1/40 (2006.01) A61N 7/00 (2006.01)**
[25] EN
[54] **CONCURRENT TREATMENT WITH THERMAL AND ACOUSTIC ENERGY**
[54] **APPAREIL POUR TRAITEMENT SIMULTANE A ENERGIE THERMIQUE ET ULTRASONIQUE**
[72] BRITVA, ALEXANDER, IL
[72] DVERIN, ALEXANDER, IL
[72] KARNI, ZIV, IL
[73] ALMA LASERS LTD., IL
[85] 2013-11-19
[86] 2012-05-17 (PCT/IB2012/052497)
[87] (WO2012/156944)
[30] US (61/487,720) 2011-05-19

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[51] **Int.Cl. C01B 32/354 (2017.01) C01B 32/30 (2017.01) A24D 3/16 (2006.01) B01J 20/20 (2006.01) C01C 3/04 (2006.01)**
[25] EN
[54] **POROUS CARBON AND METHODS OF PRODUCTION THEREOF**
[54] **CARBONE POREUX ET PROCEDES DE PRODUCTION DE CELUI-CI**
[72] BRANTON, PETER, GB
[72] BOHRINGER, BERTRAM, DE
[72] FICHTNER, SVEN, DE
[72] GIEBELHAUSEN, JANN-MICHAEL, DE
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2013-12-10
[86] 2012-07-18 (PCT/GB2012/051718)
[87] (WO2013/011312)
[30] GB (1112539.0) 2011-07-21
[30] GB (1113839.3) 2011-08-11

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[13] C
[51] **Int.Cl. A61B 5/11 (2006.01)**
[25] EN
[54] **SENSOR-BASED ATHLETIC ACTIVITY MEASUREMENTS**
[54] **MESURES D'ACTIVITE ATHLETIQUE PAR DES CAPTEURS**
[72] WEAST, AARON B., US
[72] MULLIN, JAMES M., US
[73] NIKE INNOVATE C.V., US
[85] 2013-12-30
[86] 2012-06-29 (PCT/US2012/044924)
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[30] US (13/175,216) 2011-07-01

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[51] **Int.Cl. H02K 3/12 (2006.01)**
[25] EN
[54] **STATOR FOR AN ELECTRIC MACHINE**
[54] **STATOR POUR UNE MACHINE ELECTRIQUE**
[72] GUERCIONI, SANTE, IT
[73] TECNOMATIC S.P.A., IT
[85] 2014-01-02
[86] 2011-07-07 (PCT/IT2011/000231)
[87] (WO2013/005238)

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[51] **Int.Cl. D04H 1/4309 (2012.01)**
[25] EN
[54] **NOVEL POLYVINYL ALCOHOL ARTICLES**
[54] **NOUVEAUX ARTICLES A BASE D'ALCOOL POLYVINYLIQUE**
[72] SMITH, W. NOVIS, US
[72] ROBERSON, CHARLES, US
[73] LAKELAND INDUSTRIES, INC., US
[85] 2014-01-17
[86] 2012-07-17 (PCT/US2012/047047)
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[30] US (13/135,917) 2011-07-18
[30] US (13/317,965) 2011-11-01

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[51] **Int.Cl. A47L 13/24 (2006.01) A47L 13/12 (2006.01) A47L 13/16 (2006.01) A47L 13/44 (2006.01) B32B 3/08 (2006.01) B32B 33/00 (2006.01)**
[25] EN
[54] **CLEANING PAD WITH ABRASIVE LAYER**
[54] **TAMPON DE NETTOYAGE A COUCHE ABRASIVE**
[72] WAHLQUIST, JOSEPH D., US
[73] ROCKLINE INDUSTRIES, INC., US
[86] (2844676)
[87] (2844676)
[22] 2014-03-05
[30] US (13/837,180) 2013-03-15

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[13] C
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **NOTIFYING A UL/DL CONFIGURATION IN LTE TDD SYSTEMS**
[54] **NOTIFICATION DE CONFIGURATION UL/DL DANS DES SYSTEMES LTE TDD**
[72] WANG, YIPING, US
[72] LI, JUN, US
[73] BLACKBERRY LIMITED, CA
[85] 2014-02-11
[86] 2012-06-29 (PCT/US2012/044831)
[87] (WO2013/025290)
[30] US (13/210,033) 2011-08-15

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[13] C
[51] **Int.Cl. B02C 1/10 (2006.01)**
[25] EN
[54] **A PITMAN OF A JAW CRUSHER, A JAW CRUSHER, A CRUSHING PLANT AND A CRUSHING METHOD**
[54] **BIELLE DE BROYEUR A MACHOIRES, BROYEUR A MACHOIRES, INSTALLATION DE BROYAGE ET PROCEDE DE BROYAGE**
[72] SUTTI, RISTO, FI
[72] JONKKA, JARI, FI
[73] METSO MINERALS, INC., FI
[85] 2014-02-12
[86] 2011-08-18 (PCT/FI2011/050724)
[87] (WO2013/024197)

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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 24/10 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENHANCING FEATURES OF UPLINK REFERENCE SIGNALS**
[54] **APPAREIL ET PROCEDE ADAPTES POUR AMELIORER LES CARACTERISTIQUES DE SIGNAUX DE REFERENCE SUR LA LIAISON MONTANTE**
[72] PAPASAKELLARIOU, ARIS, US
[72] CHO, JOON-YOUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2853266)
[87] (2853266)
[22] 2011-01-06
[62] 2,785,914
[30] US (61/293,003) 2010-01-07

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[51] **Int.Cl. H01M 10/42 (2006.01)**
[25] EN
[54] **REPAIR APPARATUS OF SHEET TYPE CELL**
[54] **DISPOSITIF DE REPARATION POUR BATTERIE EN FORME DE FEUILLE**
[72] HIWADA, KIYOYASU, JP
[72] DEWA, HARUTADA, JP
[72] NAKAZAWA, AKIRA, JP
[72] TERAKADO, NOBUAKI, JP
[73] KABUSHIKI KAISHA NIHON MICRONICS, JP
[73] GUALA TECHNOLOGY CORPORATION, JP
[85] 2014-05-07
[86] 2011-11-14 (PCT/JP2011/076200)
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[51] **Int.Cl. A61F 11/14 (2006.01) A41D 13/05 (2006.01) A42B 1/06 (2006.01)**
[25] EN
[54] **EAR PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION POUR LES OREILLES**
[72] BAVETTA, DEAN, US
[72] KAY, PAUL, US
[72] PROKOP, GARY F., US
[72] REMY, STEVE, US
[72] LE GETTE, BRIAN E., US
[73] 180S, INC., US
[86] (2858544)
[87] (2858544)
[22] 2001-12-21
[62] 2,431,659
[30] US (60/259,114) 2000-12-29

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[51] **Int.Cl. C07C 17/10 (2006.01) C07C 19/041 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF TETRACHLOROMETHANE**
[54] **PROCEDE DE PRODUCTION DE TETRACHLOROMETHANE**
[72] TIRTOWIDJOJO, MAX MARKUS, US
[72] RANDOLPH, DANNY EUGENE, US
[73] BLUE CUBE IP LLC, US
[85] 2014-06-20
[86] 2012-12-18 (PCT/US2012/070346)
[87] (WO2013/096311)
[30] US (61/579,105) 2011-12-22

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[13] C
[51] **Int.Cl. A61K 33/24 (2006.01) A61K 47/08 (2006.01) A61K 47/38 (2006.01) A61P 27/16 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **SOLVATING SYSTEM AND SEALANT FOR MEDICAL USE**
[54] **SYSTEME DE SOLVATATION ET AGENT D'ETANCHEITE POUR UNE UTILISATION MEDICALE**
[72] HISSONG, JAMES BRITTON, US
[72] OLIVER, DANA A., US
[72] LEWIS, CECIL O., US
[72] MYNTTI, MATTHEW F., US
[72] TIJSMA, EDZE JAN, US
[72] GONZALEZ LOPEZ, MARIA NIEVES, US
[72] SAUNIER, JANIS, US
[73] MEDTRONIC XOMED, INC., US
[86] (2860295)
[87] (2860295)
[22] 2007-05-08
[62] 2,676,081
[30] US (11/704,115) 2007-02-08
[30] US (11/739,480) 2007-04-24
[30] US (11/739,528) 2007-04-24

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[51] **Int.Cl. B24D 3/02 (2006.01) C09C 1/68 (2006.01) C09G 1/02 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **ABRASIVE PARTICLES HAVING COMPLEX SHAPES AND METHODS OF FORMING SAME**
[54] **PARTICULES ABRASIVES DOTEES DE FORMES COMPLEXES ET LEUR PROCEDE DE FORMATION**
[72] YENER, DORUK O., US
[72] CZEREPINSKI, JENNIFER H., US
[72] IYENGAR, SUJATHA, US
[72] KAVANAUGH, MICHAEL D., US
[72] BRANDES, ALAN J., US
[72] ARCONA, CHRISTOPHER, US
[72] BAUER, RALPH, CA
[72] BOUSSANT-ROUX, YVES, FR
[72] PANZARELLA, TRACY H., US
[73] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US
[85] 2014-07-07
[86] 2013-01-10 (PCT/US2013/021065)
[87] (WO2013/106597)
[30] US (61/584,998) 2012-01-10

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[13] C
[51] **Int.Cl. G09B 23/30 (2006.01) G09B 23/32 (2006.01)**
[25] EN
[54] **CARDIAC SIMULATION DEVICE**
[54] **DISPOSITIF DE SIMULATION CARDIAQUE**
[72] CARSON, DAVID JEFFREY, US
[72] LIEBER, BARUCH B., US
[72] SADASIVAN, CHANDRAMOULI, US
[72] FIORELLA, DAVID, US
[72] WOO, HENRY, US
[72] ROMEO, MICHAEL, US
[73] VASCULAR SIMULATIONS, LLC, US
[85] 2014-07-31
[86] 2013-01-31 (PCT/US2013/024144)
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[54] **RECOVERY METHOD AND SYSTEM FOR DELIVERING EXTRACTED BTX FROM GAS STREAMS**
[54] **PROCEDE DE RECUPERATION ET SYSTEME DE DISTRIBUTION DU BTX EXTRAIT DES FLUX GAZEUX**
[72] AL-HAJI, MOHAMMAD N., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **ENSENBLE D'ASURE**
[72] CARPENTER, CHRISTOPHER M., US
[72] CONKLIN, DONALD M., US
[72] MORRIS, RAY J., US
[72] BEARDEN, JAMES E., US
[72] DURAND, SEVERN D., US
[73] ESCO CORPORATION, US
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[54] **SYSTEM AND METHOD FOR PRINTING ON A FLEXIBLE BODY**
[54] **SYSTEME ET PROCEDE D'IMPRESSION SUR UN CORPS SOUPLE**
[72] OLEJNICZAK, GREGORY B., US
[72] PISCITELLO, MARC C., US
[72] SOBASZEK, CHRISTOPHER J., US
[72] VLCEK, GRAHAM P., US
[72] O'NEIL, SEAN M., US
[72] DELL'AQUILA, PETER P., US
[72] WASZKOWIAK, STEVE, US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **STABILISATEUR DE FOND DE TROU**
[72] ANDERSON, CHARLES ABERNETHY, CA
[72] CAMPBELL, JOSH, CA
[73] ANDERSON, CHARLES ABERNETHY, CA
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[86] 2013-03-21 (PCT/CA2013/050233)
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[54] **CONTAINER WITH ATTACHMENT STRUCTURE**
[54] **CONTENANT COMPORTANT UNE STRUCTURE DE FIXATION**
[72] HAYWARD, DAVID A., US
[72] FLANAGAN-KENT, LAURA, US
[72] MENGEU, GARY, US
[73] SILGAN PLASTICS LLC, US
[86] (2873579)
[87] (2873579)
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[54] **FLOW FIELD PLATE FOR A FUEL CELL**
[54] **PLAQUE DE CHAMP DE PROPAGATION POUR PILE A COMBUSTIBLE**
[72] BODEN, ANDREAS, SE
[72] TINGELOF, THOMAS, SE
[72] BAUMANN OFSTAD, AXEL, SE
[72] IHONEN, JARI, FI
[72] TENSTAM, ANDERS, SE
[73] POWERCELL SWEDEN AB, SE
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[54] **CAP-HELD TILT ACTUATOR FOR A FOAM DISPENSER**
[54] **SYSTEME D'ACTIONNEMENT A BASCULEMENT, MAINTENU PAR UN COUVERCLE, POUR UN DISTRIBUTEUR DE MOUSSE**
[72] VAN HERPEN, GOSLIN, NL
[73] TREMCO ILLBRUCK PRODUCTIE B.V., NL
[85] 2014-12-22
[86] 2013-06-21 (PCT/EP2013/063014)
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[54] **LOST CIRCULATION MATERIAL WITH A MULTI-MODAL LARGE PARTICLE SIZE DISTRIBUTION**
[54] **MATERIAU DE PERTE DE CIRCULATION A GRANDE REPARTITION DE TAILLE DE PARTICULE MULTIMODALE**
[72] MILLER, MATTHEW L., US
[72] WHITFILL, DONALD L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-29
[86] 2013-07-29 (PCT/US2013/052529)
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[54] **POLYOLEFIN COMPOSITIONS AND ARTICLES MANUFACTURED THEREFROM**
[54] **COMPOSITIONS DE POLYOLEFINE ET ARTICLES FABRIQUES A PARTIR DE CELLES-CI**
[72] CECCARANI, FABIO, US
[72] GOBERTI, PAOLO, IT
[73] EQUISTAR CHEMICALS, LP, US
[73] BASELL POLIOLEFINE ITALIA S.R.L., IT
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[54] **CORRUGATED PIPE GASKET**
[54] **JOINT DE TUYAU ONDULE**
[72] GAMBLE, JIMMY DEAN, US
[72] SLOCUM, ROBERT RYAN, US
[72] LOCKWOOD, SCOTT ALLEN, US
[73] PRESS-SEAL CORPORATION, US
[86] (2882908)
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[25] EN
[54] **REGULATING APPARATUS FOR A PRESSURE ACTIVATED ONE-WAY VALVE**
[54] **APPAREIL DE REGULATION POUR SOUPAPE UNIDIRECTIONNELLE ACTIVEE PAR PRESSION**
[72] BUCKINGHAM, ROBERT, CA
[73] O2I LTD., CA
[85] 2015-03-10
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[54] **BICYCLE SADDLE**
[54] **SELLE DE BICYCLETTE**
[72] MARUI, KOUHEI, JP
[73] MARUI CO., LTD., JP
[85] 2015-04-01
[86] 2013-07-24 (PCT/JP2013/004513)
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[54] **PHYSICAL LAYER POWER SAVE FACILITY**
[54] **SYSTEME D'ECONOMIE D'ENERGIE DE COUCHE PHYSIQUE**
[72] WENTINK, MAARTEN MENZO, US
[73] QUALCOMM INCORPORATED, US
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[25] EN
[54] **MULTIPLE LINKED APPLIANCES WITH AUXILIARY OUTLET**
[54] **APPAREILS MENAGERS A LIENS MULTIPLES DOTES D'UNE PRISE AUXILIAIRE**
[72] HALL, GREGORY A.T., US
[72] EMMA, PHILLIP, US
[73] INTIRION CORPORATION, US
[86] (2887526)
[87] (2887526)
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[54] **CONTROLLED SWELL-RATE SWELLABLE PACKER AND METHOD**
[54] **GARNITURE D'ETANCHEITE CAPABLE DE GONFLER A VITESSE DE GONFLEMENT REGULEE ET PROCEDE ASSOCIE**
[72] GAMSTEDT, PONTUS, SE
[72] HINKE, JENS, DK
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2013-10-03 (PCT/US2013/063273)
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[54] **HEAT TREATED PRECIPITATED SILICA**
[54] **SILICE PRECIPITEE TRAITEE THERMIQUEMENT**
[72] DECKNER, GEORGE ENDEL, US
[72] DOLAN, LAWRENCE EDWARD, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **CONTENT COMPOSER FOR THIRD-PARTY APPLICATIONS**
[54] **COMPOSEUR DE CONTENU POUR APPLICATIONS TIERCES**
[72] MATAS, MICHAEL, US
[73] FACEBOOK, INC., US
[85] 2015-05-04
[86] 2013-11-01 (PCT/US2013/067925)
[87] (WO2014/078093)
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[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING VIDEO BY USING TRANSFORMATION INDEX, AND METHOD AND APPARATUS FOR DECODING VIDEO BY USING TRANSFORMATION INDEX**
[54] **PROCEDE ET APPAREIL DESTINES A CODER UNE VIDEO A L'AIDE D'UN INDICE DE TRANSFORMATION, ET PROCEDE ET APPAREIL DESTINES A DECODER UNE VIDEO A L'AIDE D'UN INDICE DE TRANSFORMATION**
[72] MIN, JUNG-HYE, KR
[72] HAN, WOO-JIN, KR
[72] LEE, TAMMY, KR
[72] KIM, IL-KOO, KR
[72] CHEON, MIN-SU, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2891138)
[87] (2891138)
[22] 2011-04-05
[62] 2,795,621
[30] US (61/320,826) 2010-04-05
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[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 16200 AND CODE RATE OF 2/15 AND 16-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16200 BITS ET UN TAUX DE CODE DE 2/15 ET UN MAPPAGE A 16 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LIM, BO-MI, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[87] (2892106)
[22] 2015-05-21
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[51] **Int.Cl. H05B 37/02 (2006.01)**
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[54] **LIGHTING CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'ECLAIRAGE**
[72] COWBURN, DEREK, US
[73] LUMEN CACHE, INC., US
[85] 2015-06-02
[86] 2012-12-12 (PCT/US2012/069311)
[87] (WO2013/090470)
[30] US (61/569,324) 2011-12-12
[30] US (61/671,779) 2012-07-15

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[54] **CLOSURE WITH HINGED LID**
[54] **FERMETURE AVEC COUVERCLE A CHARNIERES**
[72] DAVIS, JEFFREY S., US
[72] HIDDING, DOUGLAS J., US
[73] BLACKHAWK MOLDING CO., INC., US
[86] (2894095)
[87] (2894095)
[22] 2015-06-12
[30] US (14/305,086) 2014-06-16

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[25] EN
[54] **DECK PEDESTAL**
[54] **SUPPORT DE PLATEFORME**
[72] KUGLER, WILLIAM E., US
[72] KNIGHT, STEPHEN J., III, US
[73] UNITED CONSTRUCTION PRODUCTS, INC., US
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[87] (2895903)
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[54] **THRUST BEARING**
[54] **PALIER DE BUTEE**
[72] OMORI, NAOMICHI, JP
[73] IHI CORPORATION, JP
[85] 2015-07-27
[86] 2014-01-24 (PCT/JP2014/051561)
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[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **DECODER, ENCODER AND METHOD FOR INFORMED LOUDNESS ESTIMATION EMPLOYING BY-PASS AUDIO OBJECT SIGNALS IN OBJECT-BASED AUDIO CODING SYSTEMS**
[54] **DECODEUR, CODEUR ET PROCEDE POUR L'ESTIMATION INFORMEE D'INTENSITE FAISANT APPEL A DES SIGNAUX D'OBJETS AUDIO DE DERIVATION DANS DES SYSTEMES DE CODAGE AUDIO A BASE D'OBJETS**
[72] PAULUS, JOUNI, DE
[72] DISCH, SASCHA, DE
[72] FUCHS, HARALD, DE
[72] GRILL, BERNHARD, DE
[72] HELLMUTH, OLIVER, DE
[72] MURTAZA, ADRIAN, RO
[72] RIDDERBUSCH, FALKO, DE
[72] TERENTIV, LEON, DE
[73] FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-08-06
[86] 2014-11-27 (PCT/EP2014/075801)
[87] (WO2015/078964)
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[25] EN
[54] **MAIZE HYBRID X80F124**
[54] **MAIS HYBRIDE DE VARIETE X80F124**
[72] WEBER, GERHARD P., US
[72] MAHMOOD, TARIQ, US
[72] MONTPETIT, JEAN-MARC, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2903384)
[87] (2903384)
[22] 2015-09-03
[30] US (14/623,587) 2015-02-17

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[51] **Int.Cl. H04W 4/06 (2009.01) H04W 4/021 (2018.01)**
[25] EN
[54] **DISTANCE-DEPENDENT OR USER-DEPENDENT DATA EXCHANGE BETWEEN WIRELESS COMMUNICATION DEVICES**
[54] **ECHANGE DE DONNEES EN FONCTION DE LA DISTANCE OU DE L'UTILISATEUR ENTRE DES DISPOSITIFS DE COMMUNICATION SANS FIL**
[72] MAGUIRE, YAEL, US
[73] FACEBOOK, INC., US
[86] (2903796)
[87] (2903796)
[22] 2014-01-07
[62] 2,896,969
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[51] **Int.Cl. B25B 21/00 (2006.01) B25B 23/00 (2006.01) B25B 23/16 (2006.01) B25B 28/00 (2006.01)**
[25] EN
[54] **CONTROL BUTTON RETENTION MECHANISM**
[54] **MECANISME DE RETENUE DE BOUTON DE COMMANDE**
[72] BOTHMANN, RICHARD D., US
[73] SNAP-ON INCORPORATED, US
[86] (2907337)
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[30] US (14/639,264) 2015-03-05

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[25] EN
[54] **LOCKING APPARATUS, VEHICLE SAFETY BELT ADJUSTMENT APPARATUS, AND VEHICLE SAFETY BELT**
[54] **APPAREIL DE VERROUILLAGE, APPAREIL D'AJUSTEMENT DE CEINTURE DE SECURITE DE VEHICULE, ET CEINTURE DE SECURITE DE VEHICULE**
[72] SUN, YINGUI, CN
[73] SUN, YINGUI, CN
[85] 2015-10-15
[86] 2013-04-17 (PCT/CN2013/074327)
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[51] **Int.Cl. A01B 61/04 (2006.01)**
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[54] **DEVICE FOR FOLDING THE WORKING TOOLS OF AGRICULTURAL MACHINERY**
[54] **DISPOSITIF POUR PLIER LES OUTILS DE TRAVAIL DE MACHINES AGRICOLES**
[72] SMOLA, TOMAS, CZ
[73] FARMET A.S., CZ
[85] 2015-10-28
[86] 2014-04-30 (PCT/CZ2014/000047)
[87] (WO2014/177121)
[30] CZ (PV2013-327) 2013-05-02

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[54] **SUPPORT LEG**
[54] **PIED DE SUPPORT**
[72] YANAGIHARA, HIDEYASU, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-11-13
[86] 2014-05-15 (PCT/JP2014/062969)
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[30] JP (2013-129894) 2013-06-20

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[13] C
[51] **Int.Cl. G06F 21/36 (2013.01) G06K 7/10 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR AUTHENTICATING A USER TO OPERATE AN ELECTRICAL DEVICE**
[54] **PROCEDE ET SYSTEME PERMETTANT D'AUTHENTIFIER UN UTILISATEUR AFIN QU'IL PUISSE FAIRE FONCTIONNER UN DISPOSITIF ELECTRIQUE**
[72] ADELSON, ALEX M., US
[72] GOUIN-DAVIS, SEBASTIEN, US
[73] NEXTEK POWER SYSTEMS, INC., US
[85] 2015-11-23
[86] 2014-07-29 (PCT/US2014/048551)
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[30] US (61/862,134) 2013-08-05
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[25] EN
[54] **METHOD FOR DECOMPOSING POLYMER MATERIAL, METHOD FOR PRODUCING RECYCLED RESIN, AND METHOD FOR RECOVERING INORGANIC FILLER**
[54] **PROCEDE POUR DECOMPOSER UNE MATIERE POLYMERE, PROCEDE DE PRODUCTION DE RESINE RETRAITEE ET PROCEDE DE RECUPERATION DE CHARGE INORGANIQUE**
[72] GOTO, JUNYA, JP
[72] ISHIKAWA, MASAKI, JP
[72] ORIHARA, TAMOTSU, JP
[72] KOIDE, TAICHI, JP
[73] SUMITOMO BAKELITE CO., LTD., JP
[86] (2913819)
[87] (2913819)
[22] 2009-09-09
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[51] **Int.Cl. B65D 81/34 (2006.01) A23L 5/00 (2016.01) B65D 30/20 (2006.01) B65D 65/02 (2006.01) A23L 7/161 (2016.01)**
[25] EN
[54] **MICROWAVE POPCORN PACKAGE; METHODS AND PRODUCT**
[54] **EMBALLAGE DE POPCORN POUR APPAREIL A MICRO-ONDES, ET PROCEDES ET PRODUIT ASSOCIES**
[72] GORMAN, CHARLES THOMAS, US
[72] WAROSH, PAUL JOHN, US
[73] CONAGRA FOODS RDM, INC., US
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[54] **ENSEMBLE CHARNIERE DE VOLET EN ACCORDEON**
[72] MILLER, JAMES V., US
[73] QUALITAS MANUFACTURING, INC., US
[85] 2015-12-09
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[54] **RECIPIENT PERLESCENT**
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[72] YANG, LIANG, CN
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[72] DE BELDER, GIAN ARMAND JULIANA, BE
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[54] **ROULEAU D'ENTRAINEMENT POSITIF DE COURROIE DE TRANSPORT**
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[72] SCHILTZ, BRIAN SCOTT, US
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[54] **STRUCTURE DE FLOTTEUR**
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[72] KOBAYASHI, KAZUTO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **ENTRAINEMENT SIMULTANE DE SERRAGE ET DE COUPLE**
[72] ROSANO, HUGO LEONARDO, NO
[72] DRZEWIECKI, LOPEK, CA
[73] NATIONAL OILWELL VARCO NORWAY AS, NO
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[54] **MECANISME DE CONTROLE ET METHODE DE SURVEILLANCE D'INFORMATION DANS LE MECANISME DE CONTROLE**
[72] ISHIHARA, YOUICHI, JP
[72] UEMURA, KAZUNORI, JP
[72] OOTSUKA, YUUSAKU, JP
[73] HITACHI, LTD., JP
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[54] **LANCEUR PNEUMATIQUE A INDEXATION POUR PLUSIEURS PROJECTILES-FUSEES JOUETS**
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[73] KMA CONCEPTS LIMITED, CN
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[72] NICOLAS, FREDERIC, GB
[72] SIMMONDS, KEVIN JOHN, GB
[73] DYSON TECHNOLOGY LIMITED, GB
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[73] QUALCOMM INCORPORATED, US
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[54] **IMAGE ENCODING APPARATUS**
[54] **APPAREIL DE CODAGE D'IMAGE**
[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[73] M&K HOLDINGS INC., KR
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[25] EN
[54] **IMAGE ENCODING APPARATUS**
[54] **APPAREIL DE CODAGE D'IMAGE**
[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[73] M&K HOLDINGS INC., KR
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[54] **METHOD AND APPARATUS FOR ENTROPY ENCODING USING HIERARCHICAL DATA UNIT, AND METHOD AND APPARATUS FOR DECODING**
[54] **PROCEDE ET APPAREIL DE CODAGE ENTROPIQUE UTILISANT UNE UNITE DE DONNEES HIERARCHIQUE, ET PROCEDE ET APPAREIL DE DECODAGE**
[72] LEE, TAMMY, KR
[72] CHEN, JIANLE, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **EMBRAYAGE DE DEMARRAGE SEQUENTIEL POUR MACHINE DE MELANGE DE MATERIAU**
[72] MCFARLANE, CLAUDE, US
[72] ALBRIGHT, CHRIS, US
[72] BASSETT, WILLIAM, US
[73] KUHN NORTH AMERICA, INC., US
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[72] BARNETT-ITZHAKI, ZOHAR, IL
[72] LITHWICK YANAI, GILA, IL
[72] MEIRI, ETI, IL
[72] SPECTOR, YAEL, IL
[72] BENJAMIN, HILA, IL
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[54] **DISPOSITIF DE DECODAGE ET METHODE ET SYSTEME DE TRANSMISSION DE SIGNAL**
[72] ZENG, YANXING, CN
[72] SHEN, JIANQIANG, CN
[72] MAO, YUFENG, CN
[72] FOSSORIER, MARC, FR
[73] HUAWEI TECHNOLOGIES CO., LTD, CN
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[54] **ECRAN TACTILE POUR UN SYSTEME DE DISTRIBUTION DE BOISSON**
[72] HERNANDEZ, GEORGE E., US
[72] HONG, JEREMIAH A., US
[73] LANCER CORPORATION, US
[86] (2955714)
[87] (2955714)
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[54] **ANTAGONISTES DE LFA-1 DESTINES AU TRAITEMENT DE TROUBLES DE L'OEIL**
[72] GADEK, THOMAS, US
[72] BURNIER, JOHN, US
[73] SARCODE BIOSCIENCE INC., US
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[25] EN
[54] **METHOD OF STORING AND MOVING A PROPPANT**
[54] **METHODE D'ENTREPOSAGE ET DE DEPLACEMENT D'UN AGENT DE SOUTENEMENT**
[72] OREN, JOHN, US
[73] OREN TECHNOLOGIES, LLC, US
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[54] **VEHICULE A TROIS ROUES**
[72] HOLROYD, JAMES A. J., US
[72] ZILIAK, MARK ALAN, US
[72] ARAMAYO, GUSTAVO A., US
[72] WIEST, MATHEW BRADLEY, US
[72] UTTER, BRIAN T., US
[72] BENNETT, JEFFREY D., US
[72] HOHENSTIEN, JASON J., US
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[54] **COULISSE DE CAMERA DOTEE D'UN VOLANT**
[72] WOOD, DENNIS, CA
[71] WOOD, DENNIS, CA
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[54] **SPRAY BOOTH AND METHOD OF OPERATION**
[54] **KIOSQUE DE PULVERISATION ET METHODE D'UTILISATION**
[72] NAIM, JEAN, CA
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[51] **Int.Cl. G06F 21/64 (2013.01)**
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[54] **ENCRYPTED DATA - DATA INTEGRITY VERIFICATION AND AUDITING SYSTEM**
[54] **DONNEES CHIFFREES - SYSTEME DE VERIFICATION ET AUDIT D'INTEGRITE DES DONNEES**
[72] KAMALUDEEN, MIRZA, CA
[71] KAMALUDEEN, MIRZA, CA
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[54] **DETECTION DE NON-CONFORMITES ELECTRIQUES PAR OBSERVATION D'ECARTS A UNE MODELISATION DE RESEAU**
[72] LEONARD, FRANCOIS, CA
[72] ZINFLOU, ARNAUD, CA
[72] BOUFFARD, ALEXANDRE, CA
[72] VIAU, MATHIEU, CA
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[54] **WINDOW FOR STAND-UP PADDLE BOARD**
[54] **FENETRE DESTINEE A UNE PLANCHE A RAME**
[72] BECK, SHARON S.W., CA
[72] BERNAL, CARLOS E., US
[71] BECK, SHARON S.W., CA
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[25] EN
[54] **LADDER SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE DESTINE A UNE ECHELLE**
[72] MILTON, RICHARD, CA
[71] MILTON, RICHARD, CA
[22] 2016-07-14
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[51] **Int.Cl. E21B 47/008 (2012.01)**
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[54] **PROGRESSIVE CAVITY PUMP (PCP) MONITORING SYSTEM AND METHOD**
[54] **SYSTEME DE SURVEILLANCE DE POMPE A ROTOR HELICOIDAL EXCENTRE ET METHODE**
[72] ZILLINGER, FRIEDRICH ERNST, CA
[72] SCOTT, JEFFREY ALLAN, CA
[71] GEO PRESSURE SYSTEMS INC., CA
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[51] **Int.Cl. F16M 11/00 (2006.01) A47B 23/00 (2006.01) F16M 13/00 (2006.01)**
[25] EN
[54] **MODULAR OBJECT HOLDER**
[54] **SUPPORT D'OBJET MODULAIRE**
[72] WEBB, BRIAN SCOTT, US
[71] WEBB, BRIAN SCOTT, US
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[25] EN
[54] **SECURE ME, WORKING AT HEIGHTS SLIDING/ADJUSTABLE LADDER PLATFORM**
[54] **PLATEFORME D'ECHELLE AJUSTABLE COULISSANTE SECURISEE POUR LE TRAVAIL EN HAUTEUR**
[72] ROY, JOEY G., CA
[71] ROY, JOEY G., CA
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[51] **Int.Cl. E04C 2/38 (2006.01) E04C 2/00 (2006.01) E04C 2/40 (2006.01) E04F 13/10 (2006.01) E04F 19/00 (2006.01) E04G 21/00 (2006.01)**
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[54] **PREFABRICATED LATH PANEL AND METHOD OF INSTALLATION OF A SUBSURFACE COVERING ONTO A PRE-EXISTING SUBSTRUCTURE USING THE SAME**
[54] **PANNEAU DE LATTES PREFABRIQUE ET METHODE D'INSTALLATION D'UN REVETEMENT EN SOUS-SURFACE SUR UNE SOUS-STRUCTURE EXISTANTE AU MOYEN DUDIT PANNEAU**
[72] CAMERON, JASMIN, CA
[71] 9151-1626 QUEBEC INC., CA
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[54] **LOW SHEAR, LOW VELOCITY DIFFERENTIAL, IMPELLER HAVING A PROGRESSIVELY TAPERED HUB VOLUME WITH PERIODS FORMED INTO A BOTTOM SURFACE**
[54] **ROUE A AILETTES AYANT UNE FAIBLE VITESSE DIFFERENTIELLE ET UN FAIBLE CISAILLEMENT OFFRANT UN VOLUME DE MOYEU A PROFIL PROGRESSIF PERIODIQUE FORME SUR UNE SURFACE DE FOND**
[72] BACHELLIER, CARL R., CA
[71] BACHELLIER, CARL R., CA
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[54] **EXPANDABLE PIECE OF LUGGAGE**
[54] **ARTICLE DE BAGAGE EXTENSIBLE**
[72] JAVASKY, HOWARD ALLAN, CA
[71] EYE SPY ACCESSORIES INC., CA
[22] 2016-07-15
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[51] **Int.Cl. E05B 17/00 (2006.01)**
[25] EN
[54] **QUICK RELEASE DOOR LOCKING DEVICE AND METHOD OF USE**
[54] **DISPOSITIF DE VERROUILLAGE DE PORTE A DEGAGEMENT RAPIDE ET METHODE D'UTILISATION**
[72] DURRANT, JASON T., CA
[71] DURRANT, JASON T., CA
[22] 2016-07-18
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[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0481 (2013.01) G06F 3/01 (2006.01) H04M 1/23 (2006.01)**
[25] EN
[54] **VIRTUAL KEYPAD INPUT DEVICE**
[54] **DISPOSITIF DE SAISIE A CLAVIER VIRTUEL**
[72] UNKNOWN, ZZ
[71] MAW, WAI-LIN, CA
[22] 2016-07-18
[41] 2018-01-18

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[51] **Int.Cl. B01D 17/05 (2006.01) C10G 33/04 (2006.01)**
[25] EN
[54] **DEMULSIFIER FOR USE IN THE OIL AND GAS INDUSTRY**
[54] **DESEMULSIONNEUR DESTINE A UNE UTILISATION DANS L'INDUSTRIE DU PETROLE ET DU GAZ**
[72] APOSTOLOS, KANTZAS, CA
[72] LI, FENG, CA
[72] CURTIS, BRENT JAMES, CA
[72] MOUSA, WASEEM HUSSEIN ABDELKARIM, JO
[71] CONSCIENCE LABS CORPORATION, CA
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[51] **Int.Cl. E01F 9/673 (2016.01) E01F 9/669 (2016.01) F16M 13/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ATTACHING SIGNS TO FOUNDATION MEMBERS SUCH AS ROAD BARRIERS**
[54] **APPAREIL ET METHODE DE FIXATION D'AFFICHES AUX ELEMENTS DE STRUCTURE COMME DES BARRIERES ROUTIERES**
[72] POWELL, BEN, CA
[72] PIERSON, JOHN DAVID, CA
[72] DELAMERE, JAMES HAROLD, CA
[72] VAKILI, MOHAMMAD BAGHER, CA
[71] POWELL, BEN, CA
[71] PIERSON, JOHN DAVID, CA
[71] DELAMERE, JAMES HAROLD, CA
[71] VAKILI, MOHAMMAD BAGHER, CA
[22] 2016-07-18
[41] 2018-01-18

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[51] **Int.Cl. B60B 9/02 (2006.01)**
[25] FR
[54] **RIMS WITH SHOCK AND VIBRATION ABSORPTION**
[54] **JANTES A AMORTISSEMENT DES CHOCS ET VIBRATIONS**
[72] TREMBLAY, VINCENT, CA
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[54] **VEGETABLE OIL EXTRACTION IMPROVEMENT**
[54] **AMELIORATION DE L'EXTRACTION D'HUILE VEGETALE**
[72] KELLENS, MARC, BE
[72] LE CLEF, ETIENNE, BE
[72] KEMPER, TIMOTHY G., US
[71] DESMET BALLESTRA ENGINEERING N.V/S.A., BE
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[51] **Int.Cl. B01J 23/88 (2006.01) B01J 37/08 (2006.01)**
[25] EN
[54] **CONTROLLED PRESSURE HYDROTHERMAL TREATMENT OF ODH CATALYST**
[54] **TRAITEMENT HYDROTHERMAL A PRESSION CONTROLEE DE CATALYSEUR ODH**
[72] SIMANZHENKOV, VASILY, CA
[72] GAO, XIAOLIANG, CA
[72] SULLIVAN, DAVID JEFFREY, CA
[72] DRAG, HANNA, CA
[72] BARNES, MARIE ANNETTE, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2016-07-19
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[51] **Int.Cl. H01L 33/00 (2010.01) H01L 27/15 (2006.01)**
[25] EN
[54] **INTEGRATED MICRO-DEVICES AND METHOD OF ASSEMBLY**
[54] **MICRO-DISPOSITIFS INTEGRES ET METHODE D'ASSEMBLAGE**
[72] UNKNOWN, ZZ
[71] CHAJI, G. REZA, CA
[22] 2016-07-19
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[51] **Int.Cl. H01P 1/162 (2006.01) H01P 1/20 (2006.01)**
[25] EN
[54] **METAMATERIAL ELECTROMAGNETIC BANDGAP STRUCTURES**
[54] **STRUCTURES D'ECART ENERGETIQUE ELECTROMAGNETIQUE FAITES DE METAMATERIAUX**
[72] IYER, ASHWIN, CA
[72] BARTH, STUART, CA
[72] SMYTH, BRADEN, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2016-07-19
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[51] **Int.Cl. H02K 1/06 (2006.01) H02K 1/12 (2006.01)**
[25] EN
[54] **CORE FOR TRANSVERSE FLUX ELECTRICAL MACHINE**
[54] **AME DE MACHINE ELECTRIQUE A FLUX TRANVERSE**
[72] TREMBLAY-SIMARD, RAPHAEL, CA
[72] NADEAU, RAPHAEL, CA
[72] FORTIN, PATRICE, CA
[71] EOCYCLE TECHNOLOGIES INC., CA
[22] 2016-07-19
[41] 2018-01-19
[30] CA (15/214,159) 2016-07-19
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[25] EN
[54] **A TRANSITION BARRIER FOR CONNECTING A PERMANENT BARRIER TO A TEMPORARY BARRIER**
[54] **UNE BARRIERE DE TRANSITION SERVANT A RELIER UNE BARRIERE PERMANENTE A UNE BARRIERE TEMPORAIRE**
[72] POWELL, BEN, CA
[72] PIERSON, JOHN DAVID, CA
[72] SHEIKH, NAUMAN MANSOOR, US
[71] POWELL, BEN, CA
[71] PIERSON, JOHN DAVID, CA
[71] SHEIKH, NAUMAN MANSOOR, US
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[51] **Int.Cl. B05B 1/18 (2006.01)**
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[54] **THE HOTSWAP**
[54] **LE HOTSWAP**
[72] UNKNOWN, ZZ
[71] WHERVIN, DENVOR S., CA
[22] 2016-07-19
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[51] **Int.Cl. C02F 1/52 (2006.01) B01D 21/01 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING SUSPENSIONS OF MINERAL PARTICLES IN WATER WITH A THICKENER USING A DUAL CHEMICAL TREATMENT**
[54] **METHODE DE TRAITEMENT DES MATIERES EN SUSPENSION DE PARTICULES MINERALES DANS L'EAU PAR UN AGENT EPAISSISSANT AU MOYEN D'UN DOUBLE TRAITEMENT CHIMIQUE**
[72] DANG-VU, TRONG, CA
[72] KLEIN, COLIN, CA
[72] RAMEY, SCOTT, US
[71] SNF HOLDING COMPANY, US
[22] 2016-07-19
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[54] **SELECTIVE MICRO DEVICE TRANSFER TO RECEIVER SUBSTRATE**
[54] **MICRO DISPOSITIF SELECTIF DE TRANSFERT VERS UN SUBSTRAT RECEPTEUR**
[72] CHAJI, G. REZA, CA
[71] CHAJI, G. REZA, CA
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[51] **Int.Cl. A63B 47/02 (2006.01) E01H 1/12 (2006.01)**
[25] EN
[54] **DEVICE FOR COLLECTING AND STORING PLAYING OBJECTS**
[54] **DISPOSITIF DE COLLECTE ET STOCKAGE D'OBJETS DE JEU**
[72] BRADY, DANIEL GEORGE JOSEPH, CA
[71] BRADY, DANIEL GEORGE JOSEPH, CA
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[51] **Int.Cl. A61K 36/07 (2006.01)**
[25] EN
[54] **INONOTUS OBLIQUUS (CHAGA) DUAL EXTRACTION PROCESS**
[54] **PROCEDE D'EXTRACTION DOUBLE D'INONOTUS OBLIQUUS (CHAGA)**
[72] LIOU, IVY, CA
[71] LIOU, IVY, CA
[22] 2016-07-20
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[51] **Int.Cl. A61K 36/07 (2006.01)**
[25] EN
[54] **INONOTUS OBLIQUUS (CHAGA) DUAL EXTRACTION PROCESS**
[54] **PROCEDE D'EXTRACTION DOUBLE D'INONOTUS OBLIQUUS (CHAGA)**
[72] LIOU, IVY, CA
[71] LIOU, IVY, CA
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[51] **Int.Cl. A63G 31/16 (2006.01) A63G 31/00 (2006.01) G09B 9/00 (2006.01)**
[25] EN
[54] **GYROSCOPE APPARATUS FOR IMMERSING ATHLETES INTO A VIRTUAL REALITY ENVIRONMENT**
[54] **APPAREIL DE GYROSCOPE DESTINE A IMMERGER LES ATHLETES DANS UN ENVIRONNEMENT DE REALITE VIRTUELLE**
[72] BOOTSMA, ROELOF, CA
[71] BOOTSMA, ROELOF, CA
[22] 2016-07-20
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[30] US (62363767) 2016-07-18

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[51] **Int.Cl. E21B 43/241 (2006.01) C09K 8/592 (2006.01)**
[25] EN
[54] **SYSTEMS FOR SAGD PERFORMANCE IMPROVEMENT BY APPLICATION OF AMPHOTERIC SOLVENTS**
[54] **SYSTEME D'AMELIORATION DU RENDEMENT SAGD PAR APPLICATION DE SOLVANTS AMPHOTERIQUES**
[72] BOLESLAW, IGNASIAK (LES), CA
[71] BOLESLAW, IGNASIAK (LES), CA
[22] 2016-07-20
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[51] **Int.Cl. F17D 3/05 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING TRANSMIX PRODUCTION ON PETROLEUM PIPELINES**
[54] **METHODES DE REDUCTION DE LA PRODUCTION DE TRANSMELANGE SUR LES PIPELINES DE PETROLE**
[72] ROBBINS, JOHN COLIN, US
[72] MATTINGLY, LARRY D., US
[72] WAWAK, GARY S., US
[71] TEXON LP, US
[22] 2016-07-21
[41] 2018-01-19
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[54] **NEW IMPROVED SEWER BACKFLOW PREVENTER**
[54] **NOUVEAU DISPOSITIF DE PREVENTION DE REFOULEMENT D'EGOUT**
[72] LEASK, JOHN H., CA
[71] LEASK, JOHN H., CA
[22] 2016-07-20
[41] 2018-01-20

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[13] A1
[51] **Int.Cl. G01R 29/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING WIDEBAND NOISE PARAMETERS USING AN IMPEDANCE GENERATOR**
[54] **SYSTEME ET METHODE DE MESURE DE PARAMETRES DE BRUIT LARGE BANDE AU MOYEN D'UN GENERATEUR D'IMPEDANCE**
[72] HIMMELFARB, MICHAEL, CA
[72] BELOSTOTSKI, LEO, CA
[71] NOISETECH MICROWAVES LTD., CA
[22] 2016-08-11
[41] 2018-01-20
[30] US (62/364,458) 2016-07-20

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[51] **Int.Cl. A61K 31/445 (2006.01) A01N 37/18 (2006.01) A01N 43/30 (2006.01) A01N 47/16 (2006.01) A01N 53/08 (2006.01) A01P 17/00 (2006.01) A61K 31/166 (2006.01) A61K 31/215 (2006.01) A61K 31/36 (2006.01) A61P 39/00 (2006.01) A61Q 17/02 (2006.01)**
[25] EN
[54] **CHEMICAL COMPOSITIONS THAT PRESENT SYNERGIC EFFECT FOR REPELLENCY OF INSECTS IN PERSONAL HYGIENE PRODUCTS, COSMETICS FOR HUMAN USE, IN ANIMALS AND ON INANIMATE SURFACES IN GENERAL**
[54] **COMPOSITIONS CHIMIQUES QUI PRESENTENT UN EFFET SYNERGIQUE COMME REPULSIF D'INSECTES DANS LES PRODUITS D'HYGIENE PERSONNELLE, LES COSMETIQUES DESTINES A UN USAGE HUMAIN, POUR LES ANIMAUX ET SUR LES SURFACES INANIMEES EN GENERAL**
[72] DE SOUZA BARROS, CASSIO TADEU, BR
[71] UNIVERSAL CHEMICAL LTDA, BR
[22] 2016-08-31
[41] 2018-01-19
[30] BR (10 2016 016720 5) 2016-07-19

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[51] **Int.Cl. A43C 5/00 (2006.01) A43B 5/16 (2006.01) A63C 1/00 (2006.01) A63C 1/42 (2006.01) A63C 17/00 (2006.01)**
[25] EN
[54] **SKATE BOOT AND METHOD OF MANUFACTURE**
[54] **BOTTINE DE PATIN ET METHODE DE FABRICATION**
[72] FAUCHER, ALEXIS, CA
[72] HUNEAU, ALEXANDRE, CA
[72] BERGERON PIETTE, MANUEL, CA
[71] SPORT MASKA INC., CA
[22] 2016-08-31
[41] 2018-01-18
[30] US (15/212,681) 2016-07-18

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[13] A1
[51] **Int.Cl. F01D 5/02 (2006.01) B64C 11/14 (2006.01) F01D 25/28 (2006.01)**
[25] EN
[54] **NOSE CONE ATTACHMENT FOR TURBOFAN ENGINE**
[54] **ACCESSOIRE DE COIFFE DE REACTEUR A DOUBLE FLUX**
[72] HALL, CHRISTOPHER, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2016-10-12
[41] 2018-01-15
[30] US (15/211,756) 2016-07-15

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[51] **Int.Cl. A61F 5/01 (2006.01) A61F 5/02 (2006.01)**
[25] EN
[54] **BODY ARMOUR SUSPENSION SYSTEM AND POSTURAL SUPPORT APPARATUS**
[54] **SYSTEME DE SUSPENSION DE VETEMENT DE PROTECTION BALISTIQUE ET APPAREIL DE SUPPORT POSTURAL**
[72] MYLONAS, JIM, CA
[71] MYLONAS, JIM, CA
[22] 2016-12-13
[41] 2018-01-14
[30] US (15/210,286) 2016-07-14

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[13] A1
[51] **Int.Cl. G06N 3/04 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BUILDING ARTIFICIAL NEURAL NETWORK ARCHITECTURES**
[54] **SYSTEME ET METHODE DE CONSTRUCTION D'ARCHITECTURES DE RESEAU NEURAL ARTIFICIEL**
[72] WONG, ALEXANDER SHEUNG LAI, CA
[72] SHAFIEE, MOHAMMAD JAVAD, CA
[71] WONG, ALEXANDER SHEUNG LAI, CA
[71] SHAFIEE, MOHAMMAD JAVAD, CA
[22] 2017-02-10
[41] 2018-01-15
[30] US (62/362,834) 2016-07-15

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[51] **Int.Cl. E04B 1/38 (2006.01) E04G 21/24 (2006.01) E04G 23/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE DECK TENSION TIE**
[54] **ATTACHE DE TENSION DE PLATEFORME AJUSTABLE**
[72] BREKKE, STEVE, US
[71] MITEK HOLDINGS, INC., US
[22] 2017-03-20
[41] 2018-01-20
[30] US (15/214,869) 2016-07-20

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[51] **Int.Cl. B25G 1/00 (2006.01) A01B 1/02 (2006.01) A01B 1/22 (2006.01) A01B 15/12 (2006.01) B25G 1/04 (2006.01) E01H 5/02 (2006.01)**
[25] EN
[54] **SHOVEL WITH TWO INTEGRAL HANDLES AND EXTERIOR HANDLE**
[54] **PELLE DOTEE DE DEUX POIGNEES INTEGREES ET D'UNE POIGNEE EXTERIEURE**
[72] HENRY, DELL, US
[71] HENRY, DELL, US
[22] 2017-03-22
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[51] **Int.Cl. A41D 13/00 (2006.01) A41B 9/00 (2006.01) A41D 27/12 (2006.01)**
[25] EN
[54] **COVER-UP GARMENT**
[54] **CACHE-VETEMENT**
[72] KAUFMAN, STACY R., US
[72] KAUFMAN, LELIS Y., US
[71] KAUFMAN, STACY R., US
[71] KAUFMAN, LELIS Y., US
[22] 2017-03-29
[41] 2018-01-15
[30] US (62/362,926) 2016-07-15
[30] US (15/464,291) 2017-03-20

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[13] A1
[51] **Int.Cl. C23F 11/18 (2006.01) C23C 22/05 (2006.01) C23C 22/82 (2006.01)**
[25] EN
[54] **CORROSION INHIBITOR-INCORPORATED LAYERED DOUBLE HYDROXIDE AND SOL-GEL COATING COMPOSITIONS AND RELATED PROCESSES**
[54] **COMPOSITIONS DE REVETEMENT D'HYDROXYDE DOUBLE COUCHE A INHIBITEUR DE CORROSION INCORPORE ET DE SOL-GEL, ET PROCEDES ASSOCIES**
[72] IJERI, VIJAYKUMAR S., US
[72] PRAKASH, OM, US
[72] GAYDOS, STEPHEN P., US
[72] SUBASRI, RAGHAVAN, US
[72] SOMA RAJU, KALIDINDI RAMACHANDRA, US
[72] REDDY, DENDI SREENIVAS, US
[71] THE BOEING COMPANY, US
[22] 2017-04-24
[41] 2018-01-20
[30] US (62/364,678) 2016-07-20
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[51] **Int.Cl. C23F 11/18 (2006.01) C23C 22/05 (2006.01)**
[25] EN
[54] **SOL-GEL COATING COMPOSITIONS AND RELATED PROCESSES**
[54] **COMPOSITIONS DE REVETEMENT DE SOL-GEL ET PROCEDES ASSOCIES**
[72] IJERI, VIJAYKUMAR S., US
[72] PRAKASH, OM, US
[72] GAYDOS, STEPHEN P., US
[72] SUBASRI, RAGHAVAN, US
[72] SOMA RAJU, KALIDINDI RAMACHANDRA, US
[72] REDDY, DENDI SREENIVAS, US
[71] THE BOEING COMPANY, US
[22] 2017-04-24
[41] 2018-01-20
[30] US (62/364,636) 2016-07-20
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[13] A1
[51] **Int.Cl. C23F 11/18 (2006.01) C23F 11/10 (2006.01)**
[25] EN
[54] **SOL-GEL COATING COMPOSITIONS INCLUDING CORROSION INHIBITOR-ENCAPSULATED LAYERED DOUBLE HYDROXIDE AND RELATED PROCESSES**
[54] **COMPOSITIONS DE REVETEMENT DE SOL-GEL RENFERMANT UN HYDROXYDE DOUBLE COUCHE A INHIBITEUR DE CORROSION ENCAPSULE ET PROCEDES ASSOCIES**
[72] IJERI, VIJAYKUMAR S., US
[72] PRAKASH, OM, US
[72] GAYDOS, STEPHEN P., US
[72] SUBASRI, RAGHAVAN, US
[72] SOMA RAJU, KALIDINDI RAMACHANDRA, US
[72] REDDY, DENDI SREENIVAS, US
[71] THE BOEING COMPANY, US
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[41] 2018-01-20
[30] US (62/364657) 2016-07-20
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[13] A1
[51] **Int.Cl. A01B 63/22 (2006.01) A01B 63/24 (2006.01) A01C 5/06 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **WHEEL POSITION CONTROL SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **MECANISME DE CONTROLE DE LA POSITION DE ROUE DESTINE A UN ACCESSOIRE AGRICOLE**
[72] DIENST, JOHNATHON R., US
[72] CONNORS, MICHAEL J., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2017-05-05
[41] 2018-01-18
[30] US (15/213,003) 2016-07-18

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[51] **Int.Cl. F15B 13/02 (2006.01) B64C 13/36 (2006.01)**
[25] EN
[54] **HORIZONTAL STABILIZER TRIM ACTUATOR SYSTEMS AND METHODS**
[54] **SYSTEMES D'ACTIONNEUR DE GARNITURE DE STABILISATEUR HORIZONTAL ET METHODES**
[72] JOSEPH, DEREK M., US
[72] ECK, KEVIN B., US
[72] FEET, CHRISTOPHER D., US
[72] MESHESHA, YONAS T., US
[72] SODERQUIST, TIMOTHY J., US
[72] HANCE, BARRY D., US
[71] THE BOEING COMPANY, US
[22] 2017-05-04
[41] 2018-01-19
[30] US (15/214,366) 2016-07-19

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[51] **Int.Cl. G01L 19/00 (2006.01) B64C 21/00 (2006.01) B64D 47/00 (2006.01) G01P 5/165 (2006.01)**
[25] EN
[54] **AIR DATA PROBE WITH TURBULENCE-PRODUCING GEOMETRY**
[54] **SONDE DE DONNEES D'AIR A GEOMETRIE PRODUISANT DE LA TURBULENCE**
[72] DOOLITTLE, CHARLES JAE, US
[72] WHALEN, MACKENZIE, US
[72] EGBERG, JAMES BARRON, US
[72] CUSHER, AARON A., US
[72] MATHEIS, BRIAN DANIEL, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2017-05-10
[41] 2018-01-15
[30] US (62/362,698) 2016-07-15

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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **METERING SYSTEM FOR AN AGRICULTURAL SYSTEM**
[54] **SYSTEME DE MESURE DESTINE A UN SYSTEME AGRICOLE**
[72] POSSELIUS, JOHN HENRY, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2017-05-16
[41] 2018-01-19
[30] US (15/214,230) 2016-07-19

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[13] A1
[51] **Int.Cl. B25G 1/00 (2006.01) B25G 1/10 (2006.01)**
[25] EN
[54] **SHELL HANDLE AND METHOD OF FABRICATION THEREOF**
[54] **POIGNEE A COQUILLE ET METHODE DE FABRICATION ASSOCIEE**
[72] BLOUIN, CARL, CA
[72] JULIEN, PATRICK, CA
[72] BOIES, DAVID, CA
[71] GARANT GP, CA
[22] 2017-05-17
[41] 2018-01-19
[30] US (62/363,903) 2016-07-19

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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **METERING SYSTEM FOR AN AGRICULTURAL SYSTEM**
[54] **SYSTEME DE MESURE DESTINE A UN SYSTEME AGRICOLE**
[72] POSSELIUS, JOHN HENRY, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2017-05-23
[41] 2018-01-19
[30] US (15/214,242) 2016-07-19

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[51] **Int.Cl. G06Q 30/02 (2012.01) G09G 5/00 (2006.01)**
[25] EN
[54] **DIGITAL MEDIA GATE**
[54] **PORTE DE MEDIA NUMERIQUE**
[72] KUCER, STEPHEN, US
[71] IMPAX MEDIA HOLDINGS USA INC., US
[22] 2017-05-26
[41] 2018-01-15
[30] US (15/211,379) 2016-07-15

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[13] A1
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 3/24 (2006.01) B64C 1/40 (2006.01) B64C 7/02 (2006.01) B64D 29/00 (2006.01) B64D 33/02 (2006.01)**
[25] EN
[54] **ACOUSTIC PANELING**
[54] **PANNEAU ACOUSTIQUE**
[72] HERRERA, ERIC, US
[72] ELLEBY, MARTA BAGINSKA, US
[72] DUSCHL, GARRY, US
[71] THE BOEING COMPANY, US
[22] 2017-05-29
[41] 2018-01-18
[30] US (15/212454) 2016-07-18
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[51] **Int.Cl. B64D 43/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMICALLY DETERMINING AND INDICATING AN AIRCRAFT BANK LIMIT ON AN AIRCRAFT INSTRUMENT PANEL**
[54] **SYSTEME ET METHODE DE DETERMINATION DYNAMIQUE ET D'INDICATION D'UNE LIMITE DE L'INCLINAISON LATERALE DE L'APPAREIL**
[72] LUDTKE, FREDERICK E., II, US
[71] THE BOEING COMPANY, US
[22] 2017-06-06
[41] 2018-01-15
[30] US (15/212015) 2016-07-15

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[54] **BREATHABLE WATERPROOF STRETCHABLE MULTI-LAYER FOAM CONSTRUCT**
[54] **CONSTRUCTION DE MOUSSE MULTICOUCHE ETIRABLE ETANCHE RESPIRANTE**
[72] BERRANG, PETER G., CA
[71] EPIC VENTURES INC., CA
[22] 2017-06-07
[41] 2018-01-20
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[54] **CEILING MOUNTED AIRWAY DEVICE WITH ILLUMINATION**
[54] **DISPOSITIF D'EVENT INSTALLE AU PLAFOND DOTE D'ECLAIRAGE**
[72] GONG, WENTIAN, CN
[72] YANG, DECONG, CN
[72] ZHONG, BODONG, CN
[71] PANASONIC ECOLOGY SYSTEMS GUANGDONG CO., LTD., CN
[22] 2017-06-08
[41] 2018-01-19
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[54] **MOTORCYCLE CLUTCH HOLDING DEVICE**
[54] **DISPOSITIF DE RETENUE D'EMBRAYAGE DE MOTOCYCLETTE**
[72] ELWELL, JAMES P., US
[72] OTT, DAVID, US
[72] OTT, DIANE, US
[72] QUICK, TRENT, US
[72] WAGNER, JOHN, US
[72] ADAIR, PAUL THOMAS, US
[71] PUTCO, INC., US
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[41] 2018-01-18
[30] US (62/363,564) 2016-07-18
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[54] **ERGONOMIC STRAP FOR WEIGHT LIFTING AND FITNESS EXERCISES**
[54] **SANGLE ERGONOMIQUE DESTINEE A DES EXERCICES DE LEVEE DE POIDS ET DE MISE EN FORME**
[72] MCBRIDE, JAMES, CA
[71] MCBRIDE, JAMES, CA
[22] 2017-06-07
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[25] EN
[54] **SHROUD HOUSING SUPPORTED BY VANE SEGMENTS**
[54] **LOGEMENT DE CARENAGE SOUTENU PAR DES SEGMENTS D'AILETTE**
[72] LEFEBVRE, GUY, CA
[72] GRIVAS, NICOLAS, CA
[72] PARADIS, VINCENT, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-06-09
[41] 2018-01-18
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[54] **A MULTI-SPOOL GAS TURBINE ENGINE ARCHITECTURE**
[54] **ARCHITECTURE DE TURBINE A GAZ A CORPS MULTIPLES**
[72] LEFEBVRE, GUY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-06-09
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[30] US (62/363,956) 2016-07-19
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[30] US (62/363,952) 2016-07-19
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[54] **GEAR TRAIN ARCHITECTURE FOR A MULTI-SPOOL GAS TURBINE ENGINE**
[54] **ARCHITECTURE DE TRAIN D'ENGRENAGES DESTINEE A UNE TURBINE A GAZ A CORPS MULTIPLES**
[72] LEFEBVRE, GUY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-06-09
[41] 2018-01-19
[30] US (62/363,955) 2016-07-19
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[54] **RAILCAR END DOORS AS BRIDGE PLATES**
[54] **PORTES ARRIERE DE WAGON COMME PLAQUES DE PONT**
[72] HUCK, KENNETH W., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-06-12
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[25] EN
[54] **GAS TURBINE ENGINE SHAFT ARCHITECTURE AND ASSOCIATED METHOD OF DISASSEMBLY**
[54] **ARCHITECTURE D'ARBRE DE TURBINE A GAZ ET METHODE ASSOCIEE DE DEMONTAGE**
[72] LEFEBVRE, GUY, CA
[72] PIETROBON, JOHN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-06-15
[41] 2018-01-19
[30] US (62/363,956) 2016-07-19
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[25] EN
[54] **TURBINE SHAFT POWER TAKE-OFF**
[54] **PRISE DE FORCE D'ARBRE DE TURBINE**
[72] LEFEBVRE, GUY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-06-15
[41] 2018-01-19
[30] US (62/363,956) 2016-07-19
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[54] **A MULTI-SPOOL GAS TURBINE ENGINE ARCHITECTURE**
[54] **ARCHITECTURE DE TURBINE A GAZ A CORPS MULTIPLES**
[72] LEFEBVRE, GUY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-06-15
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[25] EN
[54] **DEVICE FOR MEASURING THE DYNAMIC STRESS/STRAIN RESPONSE OF DUCTILE MATERIALS**
[54] **DISPOSITIF DE MESURE DE LA REPONSE DYNAMIQUE DE CONTRAINTE DE MATERIAUX DUCTILES**
[72] SWEET, WILLIAM J., US
[72] HOUSEN, KEVIN RICHARD, US
[72] DAY, ARTHUR C., US
[72] DAMAZO, JASON SCOTT, US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **LATEX FUNCTIONALIZED WITH PHOSPHORUS ACID AND PHOTOINITIATOR GROUPS**
[54] **LATEX FONCTIONNALISE AVEC DE L'ACIDE PHOSPHORIQUE ET DES GROUPES PHOTOINITIATEURS**
[72] BELOWICH, MATTHEW, US
[72] KOBACK, MEGHAN, US
[72] STRACKE, JORDAN, US
[72] TANZER, JOSEPH, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR NEQUICK MODELING USING NEURAL NETWORKS**
[54] **SYSTEMES ET METHODES DE MODELISATION NEQUICK AU MOYEN DE RESEAUX NEURONAUX**
[72] OREJAS, MARTIN, US
[72] FEDRA, ZBYNEK, US
[72] RAASAKKA, JUSSI, US
[71] HONEYWELL INTERNATIONAL INC., US
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[51] **Int.Cl. G01L 17/00 (2006.01)**
[25] FR
[54] **PRESSURE MEASUREMENT DEVICE FOR INFLATION OF TIRES EQUIPPING A VEHICLE MOVING IN A LANE OF TRAFFIC**
[54] **PROCEDE DE MESURE DE LA PRESSION DE GONFLAGE DES PNEUMATIQUES EQUIPANT UN VEHICULE EN DEPLACEMENT SUR UNE VOIE DE CIRCULATION**
[72] BARNICHON, PASCAL, FR
[72] BRANDELY, BENOIT, FR
[72] RAMILLIEN, GILLES, FR
[71] PI SYSTEM AUTOMATION, FR
[22] 2017-06-23
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[54] **RECEPTEUR UTILITAIRE ALLONGE**
[72] MAURER, MICHAEL W., US
[72] PARKS, JAMES C., US
[72] FRANKLIN, DANIEL B., US
[72] JACKSON, MATTHEW M., US
[71] TAPCO INTERNATIONAL CORPORATION, US
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[25] EN
[54] **TRAIN COMMUNICATION SYSTEM WITH SILENT COMPARTMENTS**
[54] **SYSTEME DE COMMUNICATION DE TRAIN A COMPARTIMENTS SILENCIEUX**
[72] KARLSSON, MATS, SE
[71] ICOMERA AB, SE
[22] 2017-06-28
[41] 2018-01-14
[30] SE (1651064-6) 2016-07-14

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[51] **Int.Cl. G06F 7/00 (2006.01) G06F 21/62 (2013.01) H04L 9/28 (2006.01)**
[25] EN
[54] **TECHNIQUE FOR SECURELY PERFORMING AN OPERATION IN AN IOT ENVIRONMENT**
[54] **TECHNIQUE D'EXECUTION SECURISEE D'UNE OPERATION DANS UN ENVIRONNEMENT IOT**
[72] TISSOT, SERGE, FR
[72] BELKORCHI, AMINA, FR
[72] RICHARD, THOMAS, FR
[71] KONTRON MODULAR COMPUTERS S.A.S., FR
[22] 2017-06-28
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[25] EN
[54] **FLOW COMPONENT PARTICULARLY FOR HAEMODIALYSIS MEDICAL LINES**
[54] **COMPOSANTE D'ECOULEMENT PARTICULIEREMENT DESTINEE A DES TUYAUX D'HEMODIALYSE**
[72] GUALA, GIANNI, IT
[71] INDUSTRIE BORIA S.P.A, IT
[22] 2017-06-29
[41] 2018-01-19
[30] IT (102016000075597) 2016-07-19

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[51] **Int.Cl. G01M 99/00 (2011.01) E01B 35/00 (2006.01) G01M 7/02 (2006.01) G01L 1/24 (2006.01)**
[25] EN
[54] **POINT MACHINE, POINT MACHINE MONITORING SYSTEM, USE OF A FIBER OPTIC SENSOR FOR PREDICTIVE MAINTENANCE OF A POINT MACHINE AND METHOD FOR PREDICTIVE MAINTENANCE OF A POINT MACHINE**
[54] **MACHINE A EPOINTER, SYSTEME DE SURVEILLANCE D'UNE MACHINE A EPOINTER, UTILISATION D'UN CAPTEUR A FIBRE OPTIQUE POUR LA MAINTENANCE PREDICTIVE D'UNE MACHINE A EPOINTER ET METHODE DE MAINTENANCE PREVENTIVE D'UNE MACHINE A EPOINTER**
[72] AREZKI, AMINE, DE
[72] RATH, INGO, DE
[71] THALES DEUTSCHLAND GMBH, DE
[22] 2017-07-06
[41] 2018-01-14
[30] EP (16 179 533.1) 2016-07-14

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[51] **Int.Cl. G09G 5/36 (2006.01) B64D 43/00 (2006.01)**
[25] EN
[54] **DISPLAY OF INTENSITY PROFILE DISCS**
[54] **AFFICHAGE DE DISQUES DE PROFIL D'INTENSITE**
[72] COX, STEPHEN CHRISTOPHER, GB
[72] LEE, ROGER, GB
[72] YATES, TREVOR MARC, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[22] 2017-07-06
[41] 2018-01-19
[30] GB (1612493.5) 2016-07-19

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[51] **Int.Cl. F16K 17/04 (2006.01) B64D 33/08 (2006.01) F02C 7/14 (2006.01) F16K 7/17 (2006.01) F16K 7/18 (2006.01) F16K 15/14 (2006.01) F16K 15/18 (2006.01) F16K 17/34 (2006.01) F16K 31/70 (2006.01) F28F 9/22 (2006.01) F28F 13/00 (2006.01) F28F 27/02 (2006.01)**
[25] EN
[54] **AVIATION VALVE AND GAS TURBINE ENGINE WITH SAME**
[54] **VANNE D'AVIATION ET TURBINE A GAZ COMPORTANT UNE TELLE VANNE**
[72] TAJIRI, GORDON, US
[72] KENWORTHY, MICHAEL THOMAS, US
[72] YANG, YANZHE, US
[72] JONNALAGADDA, DATTU GV, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2017-07-06
[41] 2018-01-19
[30] US (15/213,931) 2016-07-19

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[51] **Int.Cl. B62D 25/02 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **SIDEWALL ASSEMBLY FOR TRAILERS**
[54] **DISPOSITIF LATERAL DESTINE A DES REMORQUES**
[72] JAWORSKI, LESZEK, US
[72] FRAUSTO, ALVARO, US
[72] BENITEZ, HUMBERTO, US
[71] HYUNDAI TRANSLEAD, US
[22] 2017-07-05
[41] 2018-01-18
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[51] **Int.Cl. B60R 9/045 (2006.01) B60R 9/08 (2006.01) B63B 35/85 (2006.01) B63C 13/00 (2006.01)**
[25] EN
[54] **MULTI-SPORT WATERCRAFT CARRIER**
[54] **PORTE-EMBARCATION MULTISPORT**
[72] FLAHERTY, JOSEPH, SE
[72] MAXIMENKO, MICHAEL, SE
[72] GALINDO, DAVID CASTANO, SE
[71] THULE SWEDEN AB, SE
[22] 2017-07-07
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[51] **Int.Cl. F16L 21/08 (2006.01) F16L 21/03 (2006.01) F16L 37/084 (2006.01)**
[25] EN
[54] **PERMANENT QUICK CONNECTOR AND ASSEMBLY THEREWITH**
[54] **RACCORD RAPIDE PERMANENT ET ASSEMBLAGE ASSOCIE**
[72] MEISTER, BRANDON, US
[72] WALCZAK, TYLER, US
[72] KAHABKA, WILLIAM, US
[72] HAMMOND, TIM, US
[71] MINIATURE PRECISION COMPONENTS, INC., US
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[41] 2018-01-15
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[51] **Int.Cl. F16M 13/02 (2006.01) B63B 35/85 (2006.01) F16S 3/04 (2006.01)**
[25] EN
[54] **MARINE HUB WITH INTERCHANGEABLE ARMS**
[54] **EMBOITEMENT DESTINE A UNE EMBARCATION COMPORTANT DES BRAS INTERCHANGEABLES**
[72] LARKIN, HAROLD F., US
[72] LARKIN, SUSAN N., US
[71] LARKIN, HAROLD F., US
[71] LARKIN, SUSAN N., US
[22] 2017-07-06
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[51] **Int.Cl. A45D 33/18 (2006.01)**
[25] EN
[54] **APPLICATOR-FREE DEODORANT**
[54] **DEODORANT SANS APPLICATEUR**
[72] HERSOM, GLORIA, US
[71] LUXY DUCK, LLC, US
[22] 2017-07-06
[41] 2018-01-18
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[51] **Int.Cl. F04D 29/06 (2006.01) F04C 29/02 (2006.01) F04D 3/02 (2006.01) F16N 39/02 (2006.01)**
[25] EN
[54] **COMPRESSOR SYSTEM AND LUBRICANT CONTROL VALVE**
[54] **SYSTEME DE COMPRESSEUR ET VANNE DE COMMANDE DE LUBRIFIANT**
[72] PETERS, MICHAEL, US
[72] SCHULTZ, KENNETH J., US
[72] COLLINS, JAMES CHRISTOPHER, US
[72] ABLE, NICHOLAS, US
[72] STINSON, MATTHEW, US
[72] YENNETI, SRINIVASA RAO, IN
[71] INGERSOLL-RAND COMPANY, US
[22] 2017-07-11
[41] 2018-01-15
[30] US (15/211,803) 2016-07-15

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[51] **Int.Cl. F24C 1/04 (2006.01) F23K 3/16 (2006.01) F24B 1/199 (2006.01) F24B 13/04 (2006.01) F24C 3/00 (2006.01)**
[25] EN
[54] **GAS HEARTH AND GAS FIREPLACE**
[54] **ATRE AU GAZ ET FOYER AU GAZ**
[72] VAN MELICK, BEIJKO MARTIJN ELI, NL
[71] KAL-FIRE BEHEER B.V., NL
[22] 2017-07-13
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[30] NL (2017184) 2016-07-18

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[51] **Int.Cl. F41B 5/12 (2006.01) F41B 5/14 (2006.01) F41B 5/18 (2006.01)**
[25] EN
[54] **PROJECTILE LAUNCHER**
[54] **LANCE-PROJECTILE**
[72] PRIOR, MICHAEL W., US
[71] PRIOR, MICHAEL W., US
[22] 2017-07-12
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[51] **Int.Cl. F28F 7/00 (2006.01) F28F 3/02 (2006.01) H01L 23/367 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **FLEXIBLE HEAT SINK FOR THERMOELECTRIC DEVICE**
[54] **PUITS THERMIQUE FLEXIBLE DESTINE A UN DISPOSITIF THERMOELECTRIQUE**
[72] DAVIS, JASON, US
[72] STEPANOV, ARTUR, US
[72] KOZLOWSKI, ERIC, US
[71] MAGNA SEATING INC., CA
[22] 2017-07-13
[41] 2018-01-15
[30] US (62/362,632) 2016-07-15

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[51] **Int.Cl. E04H 12/22 (2006.01) E01F 15/10 (2006.01) E04H 17/22 (2006.01)**
[25] EN
[54] **WASHER ASSEMBLY FOR USE IN AFFIXING A GUARDRAIL SUPPORT TO A SURFACE**
[54] **DISPOSITIF DE RONDELLE DESTINEE A LA POSE D'UN SUPPORT DE GARDE-CORPS A UNE SURFACE**
[72] HILLIARD, ANDREW, US
[72] KUENZEL, REINER, US
[71] SAFETY MAKER, INC., US
[22] 2017-07-12
[41] 2018-01-15
[30] US (15/211,286) 2016-07-15

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[51] **Int.Cl. H04L 12/911 (2013.01) H04L 12/22 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING FRAUD CONTROL**
[54] **SYSTEME ET METHODE DE CONTROLE DE FRAUDE**
[72] RZEZAK, LEANDRO, AR
[72] TORCHINSKY, MATIAS, AR
[71] INTRAWAY R&D S.A., UY
[22] 2017-07-14
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[51] **Int.Cl. A01M 31/02 (2006.01) A01M 31/00 (2006.01) E04H 1/12 (2006.01)**
[25] EN
[54] **PORTABLE HUNTING BLIND BASE AND ACCESSORIES THEREFOR**
[54] **CACHE DE CHASSE PORTATIVE ET ACCESSOIRES ASSOCIES**
[72] LITWIN, CHRISTOPHER J., US
[72] WEISS, KARL W., US
[72] FUJI-LITWIN, CHIKA, US
[72] EVANS, JEFFREY A., US
[71] LITWIN, CHRISTOPHER J., US
[71] WEISS, KARL W., US
[71] FUJI-LITWIN, CHIKA, US
[71] EVANS, JEFFREY A., US
[22] 2017-07-14
[41] 2018-01-14
[30] US (62/362,361) 2016-07-14

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[13] A1
[51] **Int.Cl. G01S 1/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR GENERATING VOLTAGE EXCITATION WAVEFORMS**
[54] **APPAREIL, SYSTEMES ET METHODE DE PRODUCTION DE FORMES PAR EXCITATION DE TENSION**
[72] MCFARLAND, SCOTT A., US
[72] GRIFFITH, KEITH R., US
[71] RADIO SYSTEMS CORPORATION, US
[22] 2017-07-12
[41] 2018-01-14
[30] US (15/210,498) 2016-07-14

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[13] A1
[51] **Int.Cl. C12P 7/02 (2006.01) C12P 1/00 (2006.01) C12P 7/06 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND PROCESS FOR ADDING PRE-FERMENTATION SEPARATED NON-FERMENTABLES TO A POST-FERMENTATION STREAM**
[54] **UN SYSTEME ET UN PROCEDE D'AJOUT DE NON-FERMENTABLES SEPARES AVANT LA FERMENTATION A UN FLUX POST-FERMENTATION**
[72] FRANKO, MICHAEL, US
[72] KWIK, JOHN, US
[72] JAKEL, NEAL, US
[71] FLUID QUIP PROCESS TECHNOLOGIES, LLC, US
[22] 2017-07-14
[41] 2018-01-14
[30] US (62/362,334) 2016-07-14

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[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) E04C 2/30 (2006.01) E04F 13/072 (2006.01) E04G 21/14 (2006.01)**
[25] EN
[54] **PREFABRICATED LATH PANEL AND METHOD OF INSTALLATION OF A COVERING ONTO A PRE-EXISTING SUBSTRUCTURE USING THE SAME**
[54] **PANNEAU DE LATTES PREFABRIQUE ET METHODE D'INSTALLATION D'UN REVETEMENT SUR UNE SOUS-STRUCTURE EXISTANTE AU MOYEN DUDIT PANNEAU**
[72] CAMERON, JASMIN, CA
[71] 9151-1626 QUEBEC INC., CA
[22] 2017-07-14
[41] 2018-01-14
[30] CA (2,936,274) 2016-07-14

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[13] A1
[51] **Int.Cl. F41B 5/18 (2006.01) F41B 5/14 (2006.01)**
[25] EN
[54] **MAGNETIC TRIGGER ASSEMBLY WITH REDUCED TRAVEL AND METHOD**
[54] **DISPOSITIF DE DECLENCHEUR MAGNETIQUE A COURSE REDUITE ET METHODE**
[72] PERRY, DALE, US
[71] BARNETT OUTDOORS, LLC, US
[22] 2017-07-14
[41] 2018-01-15
[30] US (62/363,013) 2016-07-15

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[13] A1
[51] **Int.Cl. B62D 25/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MOUNTING FRONT END MODULE**
[54] **METHODE ET APPAREIL D'INSTALLATION D'UN MODULE D'EXTREMITE AVANT**
[72] NANBA, NOBUHIRO, JP
[72] YOSHIMOTO, HITOE, JP
[72] KIMURA, HIROFUMI, JP
[71] HONDA MOTOR CO.,LTD., JP
[22] 2017-07-13
[41] 2018-01-15
[30] JP (2016-140479) 2016-07-15

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[13] A1
[51] **Int.Cl. B60P 3/22 (2006.01)**
[25] EN
[54] **COMPOSITE LPG TANK TRAILER**
[54] **CITERNE DE GPL COMPOSITE**
[72] HERMILLER, JASON, US
[72] DIETSCH, BEN, US
[72] RICE, JASON, US
[72] HENSLEE, BRIAN, US
[72] RIDOUT, KELLY, US
[72] YIELDING, BRYAN, US
[72] TONG, JIAN FENG, US
[71] HEIL TRAILER INTERNATIONAL, CO., US
[22] 2017-07-13
[41] 2018-01-15
[30] US (62/363055) 2016-07-15

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[13] A1
[51] **Int.Cl. C07C 67/36 (2006.01) C07F 9/572 (2006.01) C07F 9/58 (2006.01) C07F 9/6506 (2006.01) C07F 9/655 (2006.01)**
[25] EN
[54] **PROCESS FOR THE ALKOXYCARBONYLATION OF ETHYLENICALLY UNSATURATED COMPOUNDS WITH MONOPHOSPHINE LIGANDS**
[54] **PROCEDE D'ALCOXYCARBONYLATION DE COMPOSES INSATURES ETHYLENIQUEMENT AVEC DES LIGANDS MONOPHOSPHORINES**
[72] DONG, KAIWU, CN
[72] JACKSTELL, RALF, DE
[72] BELLER, MATTHIAS, DE
[72] FRIDAG, DIRK, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] GEILEN, FRANK, DE
[72] FRANKE, ROBERT, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2017-07-13
[41] 2018-01-19
[30] EP (16 180 050.3) 2016-07-19

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[13] A1
[51] **Int.Cl. C07C 67/36 (2006.01) C07F 9/58 (2006.01)**
[25] EN
[54] **PROCESS FOR THE ALKOXYCARBONYLATION OF ALCOHOLS**
[54] **PROCEDE D'ALCOXYCARBONYLATION DES ALCOOLS**
[72] DONG, KAIWU, CN
[72] JACKSTELL, RALF, DE
[72] NEUMANN, HELFRIED, DE
[72] BELLER, MATTHIAS, DE
[72] FRIDAG, DIRK, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] GEILEN, FRANK, DE
[72] FRANKE, ROBERT, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2017-07-13
[41] 2018-01-19
[30] EP (16 180 052.9) 2016-07-19

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[51] **Int.Cl. G10L 15/32 (2013.01) G06F 3/16 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **LANGUAGE MERGE**
[54] **FUSION DE LANGUE**
[72] DES JARDINS, GEORGE THOMAS, US
[72] SAGAR, VIKRANT, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-07-14
[41] 2018-01-15
[30] US (15/211,328) 2016-07-15

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[13] A1
[51] **Int.Cl. E04C 5/18 (2006.01) E04B 1/06 (2006.01) E04B 1/22 (2006.01) F16B 2/14 (2006.01) F16G 11/04 (2006.01)**
[25] EN
[54] **ENCAPSULATED SPLICE CHUCK**
[54] **AMORTISSEUR D'EPISSURE ENCAPSULE**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[22] 2017-07-13
[41] 2018-01-14
[30] US (62/362,285) 2016-07-14

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[21] **2,973,516**
[13] A1
[51] **Int.Cl. E04B 2/90 (2006.01)**
[25] EN
[54] **FORM PANEL SYSTEM**
[54] **SYSTEMES DE PANNEAUX DE FORME**
[72] KOETJE, TIMOTHY, US
[71] KOETJE, TIMOTHY, US
[22] 2017-07-14
[41] 2018-01-14
[30] US (62/362,479) 2016-07-14
[30] US (15/649,537) 2017-07-13

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[13] A1
[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] EN
[54] **SHOULDER BRACE**
[54] **SUPPORT D'EPAULE**
[72] SAWA, RICHARD PHILIP, US
[72] SAWA, THOMAS, CA
[71] SAWA, RICHARD PHILIP, US
[71] SAWA, THOMAS, CA
[22] 2017-07-14
[41] 2018-01-14
[30] US (15/210,251) 2016-07-14

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[21] **2,973,577**
[13] A1
[51] **Int.Cl. E03B 9/20 (2006.01) B05B 17/08 (2006.01)**
[25] EN
[54] **VORTEX FOUNTAINS AND METHODS OF USE**
[54] **FONTAINES A TOURBILLON ET METHODES D'UTILISATION**
[72] NARDELLA, MARC A., CA
[71] NARDELLA, MARC A., CA
[22] 2017-07-17
[41] 2018-01-17
[30] US (62/363,321) 2016-07-17

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[13] A1
[51] **Int.Cl. A47B 81/00 (2006.01) A47B 46/00 (2006.01) A47B 57/00 (2006.01) A47B 88/00 (2017.01) B60R 7/00 (2006.01)**
[25] EN
[54] **SHELVING SYSTEMS**
[54] **SYSTEMES D'ETAGERES**
[72] HANLEY, CHARLES L., US
[72] DEJANA, ANDREW, US
[71] DEJANA TRUCK & UTILITY EQUIPMENT, US
[22] 2017-07-14
[41] 2018-01-14
[30] US (62/362,375) 2016-07-14

[21] **2,973,583**
[13] A1
[51] **Int.Cl. B65H 49/32 (2006.01) B60P 1/48 (2006.01) B65H 49/38 (2006.01) B65H 75/40 (2006.01)**
[25] EN
[54] **REEL HANDLER**
[54] **MANIPULATEUR DE TAMBOUR**
[72] VARONIER, VICTOR J., US
[72] MCVAUGH, ARTHUR K., US
[71] DEJANA TRUCK AND UTILITY EQUIPMENT, US
[22] 2017-07-14
[41] 2018-01-14
[30] US (62/362,363) 2016-07-14

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[13] A1
[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/19 (2006.01) A61K 8/44 (2006.01) A61Q 5/06 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR ALTERING HAIR PIGMENTATION**
[54] **COMPOSITION ET METHODE DE MODIFICATION DE LA PIGMENTATION DES CHEVEUX**
[72] MEEHAN, KEVIN, US
[71] KAY JAY, LLC, US
[22] 2017-07-14
[41] 2018-01-15
[30] US (15/211,895) 2016-07-15

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[13] A1
[51] **Int.Cl. G06F 21/60 (2013.01)**
[25] EN
[54] **IDENTIFICATION OF POTENTIALLY SENSITIVE INFORMATION IN DATA STRINGS**
[54] **IDENTIFICATION D'INFORMATION POSSIBLEMENT SENSIBLE DANS LES CHAINES DE DONNEES**
[72] CALDWELL, BRADLEY R., US
[72] BUTT, ALAN B., US
[71] CALDWELL, BRADLEY R., US
[71] BUTT, ALAN B., US
[22] 2017-07-14
[41] 2018-01-14
[30] US (62/362039) 2016-07-14

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[13] A1
[51] **Int.Cl. F24F 7/02 (2006.01) E04D 13/17 (2006.01)**
[25] EN
[54] **ROLLABLE RIDGE VENT**
[54] **OUVRANT DE FAITAGE ROULABLE**
[72] HENDRICKS, ROBERT K., JR., US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2017-07-14
[41] 2018-01-15
[30] US (62/362,682) 2016-07-15

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[13] A1
[51] **Int.Cl. C07C 67/38 (2006.01) C07B 41/12 (2006.01)**
[25] EN
[54] **PROCESS FOR THE ALKOXYCARBONYLATION OF OLEFINS IN A MEDIUM HAVING A LOW BRONSTED ACID CONCENTRATION**
[54] **PROCEDE D'ALCOXYCARBONYLATION D'OLEFINES DANS UN SUPPORT AYANT UNE FAIBLE TENEUR EN ACIDE DE BRONSTED**
[72] FANG, XIANGJIE, CN
[72] DONG, KAIWU, CN
[72] NEUMANN, HELFRIED, DE
[72] JACKSTELL, RALF, DE
[72] BELLER, MATTHIAS, DE
[72] FRIDAG, DIRK, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] GEILEN, FRANK, DE
[72] FRANKE, ROBERT, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2017-07-14
[41] 2018-01-19
[30] EP (16 180 058.6) 2016-07-19

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[13] A1
[51] **Int.Cl. C07F 17/02 (2006.01) C07C 67/36 (2006.01)**
[25] EN
[54] **1,1'-BIS(PHOSPHINO)FERROCENE LIGANDS FOR ALKOXYCARBONYLATION**
[54] **LIGANDS 1,1'-BIS(PHOSPHINO)FERROCENE DESTINES A L'ALCOXYCARBONYLATION**
[72] DONG, KAIWU, DE
[72] NEUMANN, HELFRIED, DE
[72] JACKSTELL, RALF, DE
[72] BELLER, MATTHIAS, DE
[72] FRIDAG, DIRK, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] GEILEN, FRANK, DE
[72] FRANKE, ROBERT, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2017-07-14
[41] 2018-01-19
[30] EP (16 180 055.2) 2016-07-19

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[13] A1
[51] **Int.Cl. H01Q 9/30 (2006.01) H01R 24/40 (2011.01) H01R 24/50 (2011.01) F21V 23/00 (2015.01) H05B 37/02 (2006.01) F21S 8/00 (2006.01) H01B 1/02 (2006.01)**
[25] EN
[54] **THIN WIRE ANTENNA FOR CONTROL DEVICES, FOR EXAMPLE, FOR CONTROL OF OR INCLUSION IN A LUMINAIRE**
[54] **ANTENNE A FIL MINCE DESTINEE A COMMANDER DES DISPOSITIFS, PAR EXEMPLE, A COMMANDER L'INCLUSION D'UN LUMINAIRE**
[72] JOHNSON, JOHN, US
[72] ROQUEMORE, JOHN PETER, III, US
[72] CLEMENT, MATTHEW, US
[72] GONZALEZ, JOSE, US
[71] ABL IP HOLDING LLC, US
[22] 2017-07-18
[41] 2018-01-19
[30] US (15/213,693) 2016-07-19

[21] **2,973,713**
[13] A1
[51] **Int.Cl. A47K 10/22 (2006.01) B65H 16/06 (2006.01)**
[25] EN
[54] **LIGATURE RESISTANT ROLL HOLDER ASSEMBLY**
[54] **ASSEMBLAGE DE DISPOSITIF DE RETENUE DE ROULEAU RESISTANT A LA LIGATURE**
[72] BOELTL, DARRYL, US
[71] ACORN ENGINEERING COMPANY, US
[22] 2017-07-17
[41] 2018-01-20
[30] US (15/214707) 2016-07-20

[21] **2,973,714**
[13] A1
[51] **Int.Cl. A47K 17/00 (2006.01) A47G 29/00 (2006.01) A47K 3/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **MAGNETIZED ACCESSORY SYSTEM FOR BATH OR SHOWER WALLS**
[54] **SYSTEME D'ACCESSOIRE AIMANTE DESTINE A DES MURS DE BAIGNOIRE OU DE DOUCHE**
[72] PATTERSON, CHARLES A., US
[72] LYONS, ALISON J., US
[72] BUCHER, CHRISTOPHE, US
[72] ISHIYAMA, DAIGO, US
[72] BARNDT, RONALD D., US
[71] AS IP HOLDCO, LLC, US
[22] 2017-07-14
[41] 2018-01-19
[30] US (62/364,186) 2016-07-19

[21] **2,973,716**
[13] A1
[51] **Int.Cl. A47K 17/00 (2006.01) A47G 29/00 (2006.01) A47K 3/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **ACCESSORY RAIL SYSTEM FOR BATH OR SHOWER WALLS**
[54] **SYSTEME DE RAIL D'ACCESSOIRE DESTINE A DES MURS DE BAIGNOIRE OU DE DOUCHE**
[72] PATTERSON, CHARLES A., US
[72] LYONS, ALISON J., US
[72] BUCHER, CHRISTOPHE, US
[72] ISHIYAMA, DAIGO, US
[71] AS IP HOLDCO, LLC, US
[22] 2017-07-14
[41] 2018-01-20
[30] US (62/364,792) 2016-07-20

[21] **2,973,717**
[13] A1
[51] **Int.Cl. H04N 21/262 (2011.01) H04N 21/236 (2011.01) H04N 21/25 (2011.01) H04N 21/478 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SUPPLEMENTAL CONTENT SELECTION AND DELIVERY**
[54] **SYSTEME ET METHODE DE SELECTION ET LIVRAISON DE CONTENU SUPPLEMENTAIRE**
[72] DALRYMPLE, MICHAEL, US
[72] VELLA, ZANE, US
[72] GOUDEY, KEN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-07-14
[41] 2018-01-14
[30] US (62/362,587) 2016-07-14
[30] US (62/366,540) 2016-07-25
[30] US (15/331,812) 2016-10-22

[21] **2,973,755**
[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01) G08C 17/00 (2006.01) H02J 7/00 (2006.01) H05B 37/02 (2006.01) H04W 4/50 (2018.01) G01P 13/00 (2006.01)**
[25] EN
[54] **LOW POWER BATTERY MODE FOR WIRELESS-ENABLED DEVICE PRIOR TO COMMISSIONING**
[54] **MODE DE BATTERIE FAIBLE PUISSANCE DESTINE A UN DISPOSITIF ACTIVE SANS FIL AVANT LA MISE EN SERVICE**
[72] ROQUEMORE, JOHN PETER, III, US
[71] ABL IP HOLDING LLC, US
[22] 2017-07-18
[41] 2018-01-20
[30] US (15/215,038) 2016-07-20

[21] **2,973,825**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **PROTOCOL FOR LIGHTING CONTROL VIA A WIRELESS NETWORK**
[54] **PROTOCOLE DE CONTROLE D'ECLAIRAGE PAR UN RESEAU SANS FIL**
[72] TURVY, LARRY D., JR., US
[72] FULTZ, TYLER B., US
[72] SCRIMGEOUR, JOHN W., US
[72] ROQUEMORE, JOHN PETER, III, US
[71] ABL IP HOLDING LLC, US
[22] 2017-07-19
[41] 2018-01-16
[30] US (15/214,962) 2016-07-20

[21] **2,973,827**
[13] A1
[51] **Int.Cl. H04W 48/16 (2009.01) H04W 4/08 (2009.01)**
[25] EN
[54] **PROTOCOL FOR OUT OF BAND COMMISSIONING OF LIGHTING NETWORK ELEMENT**
[54] **PROTOCOLE DESTINE A LA MISE EN SERVICE HORS BANDE D'UN ELEMENT DE RESEAU D'ECLAIRAGE**
[72] TURVY, LARRY D., JR., US
[72] FULTZ, TYLER B., US
[72] SCRIMGEOUR, JOHN W., US
[72] ROQUEMORE, JOHN PETER, III, US
[71] ABL IP HOLDING LLC, US
[22] 2017-07-19
[41] 2018-01-20
[30] US (15/214,936) 2016-07-20

[21] **2,973,831**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **WIRELESS LIGHTING CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE D'ECLAIRAGE SANS FIL**
[72] TURVY, LARRY D., JR., US
[72] FULTZ, TYLER B., US
[72] SCRIMGEOUR, JOHN W., US
[72] ROQUEMORE, JOHN PETER, III, US
[71] ABL IP HOLDING LLC, US
[22] 2017-07-19
[41] 2018-01-20
[30] US (15/214,944) 2016-07-20

[21] **2,973,838**
[13] A1
[51] **Int.Cl. H01Q 1/36 (2006.01) F21K 9/00 (2016.01) F21V 23/00 (2015.01) H01R 13/646 (2011.01) H05B 37/02 (2006.01)**
[25] EN
[54] **RF CONNECTOR AND ANTENNA ASSEMBLY FOR CONTROL DEVICES, FOR EXAMPLE, FOR CONTROL OF OR INCLUSION IN A LUMINAIRE**
[54] **ENSEMBLE DE CONNECTEUR RF ET ANTENNE DESTINE A DES DISPOSITIFS DE COMMANDE, PAR EXEMPLE, POUR COMMANDER UNE INCLUSION DANS UN LUMINAIRE**
[72] JOHNSON, JOHN, US
[72] CLEMENT, MATTHEW, US
[72] ROQUEMORE, JOHN PETER, III, US
[72] GONZALEZ, JOSE, US
[71] ABL IP HOLDING LLC, US
[22] 2017-07-18
[41] 2018-01-19
[30] US (15/213,697) 2016-07-19

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[13] A1
[51] **Int.Cl. C07F 17/02 (2006.01) C07C 67/36 (2006.01)**
[25] EN
[54] **1,1'-BIS(PHOSPHINO)FERROCENE LIGANDS FOR ALKOXYCARBONYLATION**
[54] **LIGANDS 1,1'-BIS(PHOSPHINO)FERROCENE DESTINES A L'ALCOXYCARBONYLATION**
[72] DONG, KAIWU, CN
[72] JACKSTELL, RALF, DE
[72] NEUMANN, HELFRIED, DE
[72] BELLER, MATTHIAS, DE
[72] FRIDAG, DIRK, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] GEILEN, FRANK, DE
[72] FRANKE, ROBERT, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2017-07-17
[41] 2018-01-19
[30] EP (16 180 056.0) 2016-07-19

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[21] **2,973,840**
[13] A1
[51] **Int.Cl. C07C 67/37 (2006.01) C07B 41/12 (2006.01)**
[25] EN
[54] **PROCESS FOR THE ALKOXYCARBONYLATION OF ETHERS**
[54] **PROCEDE D'ALCOXYCARBONYLATION DES ETHERS**
[72] DONG, KAIWU, CN
[72] JACKSTELL, RALF, DE
[72] NEUMANN, HELFRIED, DE
[72] BELLER, MATTHIAS, DE
[72] FRIDAG, DIRK, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] GEILEN, FRANK, DE
[72] FRANKE, ROBERT, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2017-07-17
[41] 2018-01-19
[30] EP (16 180 054.5) 2016-07-19

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[13] A1
[51] **Int.Cl. B61D 3/18 (2006.01)**
[25] EN
[54] **SECURE STORAGE BOX FOR AUTORACK CAR**
[54] **BOITE DE STOCKAGE SECURITAIRE DESTINEE A UN WAGON DE TRANSPORT D'AUTOMOBILES**
[72] HUCK, KENNETH W., US
[72] VANDE SANDE, JERRY W., US
[71] TRINITY RAIL GROUP, LLC, US
[22] 2017-07-18
[41] 2018-01-19
[30] US (62/364,107) 2016-07-19

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[25] EN
[54] **BIOCARBON AND NYLON BASED HYBRRID CARBONACEOUS BIOCOMPOSITES AND METHODS OF MAKING THOSE AND USING THEREOF**
[54] **BIOCOMPOSITES CARBONES HYBRIDES A BASE DE BIOCARBONE ET DE NYLON ET METHODES DE FABRICATION DESDITS BIOCOMPOSITES ET UTILISATIONS ASSOCIEES**
[72] MOHANTY, AMAR K., CA
[72] MISRA, MANJUSRI, CA
[72] OGUNSONA, EMMANUEL OLUSEGUN, CA
[72] ANSTEY, ANDREW JAMES, CA
[72] JUBINVILLE, DYLAN FERNAND, CA
[72] TORRES GALVEZ, SIMONET, CL
[72] CODOU, ARMANDINE MARIE FLORIANE MAGALI-SOPHIE, FR
[71] UNIVERSITY OF GUELPH, CA
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[54] **MOUNTING ASSEMBLY FOR AN ARCHITECTURAL COVERING**
[54] **DISPOSITIF D'INSTALLATION DESTINE A UN REVETEMENT ARCHITECTURAL**
[72] FISHER, ROBERT E., US
[72] GOLDBERG, MICHAEL S., US
[72] ANTHONY, JAMES M., US
[72] DANN, KEVIN M., US
[72] KOVACH, JOSEPH E., US
[71] HUNTER DOUGLAS INC., US
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[30] US (62/364,852) 2016-07-20
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[51] **Int.Cl. C07C 67/38 (2006.01) C07B 41/12 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING DI- OR TRICARBOXYLIC ESTERS BY ALKOXYCARBONYLATION OF DIENES HAVING CONJUGATED DOUBLE BONDS**
[54] **METHODE DE PREPARATION D'ESTERS DI- OU TRICARBOXYLIQUES PAR ALCOXYCARBONYLATION DE DIENES AYANT DES DOUBLES LIENS CONJUGUES**
[72] DONG, KAIWU, CN
[72] JACKSTELL, RALF, DE
[72] BELLER, MATTHIAS, DE
[72] FRIDAG, DIRK, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] GEILEN, FRANK, DE
[72] FRANKE, ROBERT, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **METHOD OF SELECTIVE LASER SINTERING**
[54] **METHODE DE FRITTAGE LASER SELECTIF**
[72] KEOSHKERIAN, BARKEV, CA
[72] WOSNICK, JORDAN H., CA
[72] PRESTAYKO, RACHEL, CA
[72] NOSELLA, KIMBERLY D., CA
[72] FARRUGIA, VALERIE M., CA
[72] ZWARTZ, EDWARD G., CA
[71] XEROX CORPORATION, US
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[51] **Int.Cl. F16C 33/08 (2006.01) F16C 35/02 (2006.01) F16C 43/02 (2006.01)**
[25] EN
[54] **BUSHING ANTI-ROTATION SYSTEM AND APPARATUS**
[54] **SYSTEME D'ANTI-ROTATION DE COUSSINET ET APPAREIL**
[72] NOWITZKI, WESLEY JOHN, US
[72] WEBSTER, JOSHUA WAYNE, US
[72] ROBERTS, RANDY S., US
[72] BUTLER, JOSEPH DEAN, US
[72] KENNER, JOHN VANDERSTAAY, US
[72] GOTTSCHALK, THOMAS JOHN, US
[71] SUMMIT ESP, LLC, US
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[25] EN
[54] **RANGING SYSTEM, INTEGRATED PANORAMIC REFLECTOR AND PANORAMIC COLLECTOR**
[54] **SYSTEME DE DETERMINATION DE PORTEE, REFLECTEUR PANORAMIQUE INTEGRE ET COLLECTEUR PANORAMIQUE**
[72] COTTIN, PIERRE, CA
[72] WANG, MIN, CA
[72] CANTIN, DANIEL, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
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[54] **PROCESS FOR THE PREPARATION OF ESTERS BY MEANS OF CARBONYLATION OF ETHERS**
[54] **PROCEDE DE PREPARATION D'ESTERS AU MOYEN DE CABONYLATION D'ETHERS**
[72] DONG, KAIWU, CN
[72] JACKSTELL, RALF, DE
[72] NEUMANN, HELFRIED, DE
[72] BELLER, MATTHIAS, DE
[72] FRIDAG, DIRK, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] GEILEN, FRANK, DE
[72] FRANKE, ROBERT, DE
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[54] **TITANIUM BASED CERAMIC REINFORCED ALLOY**
[54] **ALLIAGE RENFORCE DE CERAMIQUE A BASE DE TITANE**
[72] FISK, ANDREW E., US
[72] DEMCHYSHYN, ANATOLII, UA
[72] KULAK, LEONID, UA
[72] KUZMENKO, MYKOLA, UA
[71] PULSE TECHNOLOGIES, INC., US
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[51] **Int.Cl. B29C 64/118 (2017.01) B29C 64/314 (2017.01)**
[25] EN
[54] **METHOD OF MAKING A POLYMER COMPOSITE**
[54] **METHODE DE FABRICATION DE COMPOSITE POLYEMRIQUE**
[72] KEOSHKERIAN, BARKEV, CA
[72] PRESTAYKO, RACHEL, CA
[72] NOSELLA, KIMBERLY D., CA
[72] FARRUGIA, VALERIE M., CA
[71] XEROX CORPORATION, US
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[25] EN
[54] **NANOFLUIDIC FLOW CELL AND METHOD OF LOADING SAME**
[54] **CUVE DE CIRCULATION NANOFLUIDIQUE ET METHODES DE CHARGEMENT DE LADITE CUVE**
[72] LESLIE, SABRINA ROSE, CA
[72] MICHAUD, FRANCOIS, CA
[72] BERARD, DANIEL, CA
[72] KAMANZI, ALBERT, CA
[72] HENKIN, GILEAD, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
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[25] EN
[54] **GREETING CARD WITH SQUEEZE TRIGGER ACTIVATION**
[54] **CARTE DE SOUHAITS A ACTIVATION DE DECLENCHEMENT PAR PRESSION**
[72] SPECK, KATALINA, US
[71] AMERICAN GREETINGS CORPORATION, US
[22] 2017-09-28
[41] 2018-01-16
[30] US (15/665,137) 2017-07-31

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[51] **Int.Cl. H05B 37/02 (2006.01) F21S 2/00 (2016.01) F21K 9/00 (2016.01)**
[25] EN
[54] **INTELLIGENT CONTROL OF BACKLIGHTING OR OTHER PILOT LIGHTS ON WALL SWITCH OR THE LIKE**
[54] **CONTROLE INTELLIGENT DE RETROECLAIRAGE OU AUTRE ECLAIRAGE PILOTE SUR UN INTERRUPTEUR MURAL OU AUTRE SEMBLABLE**
[72] TRICKLER, CHRISTOPHER, US
[72] WESTRICK, RICHARD L., JR., US
[72] NORTON, MARK, US
[71] ABL IP HOLDING LLC, US
[22] 2017-10-16
[41] 2018-01-16
[30] US (15/436,382) 2017-02-17

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[13] A1
[51] **Int.Cl. B23Q 3/00 (2006.01) B23K 26/342 (2014.01)**
[25] EN
[54] **SUPPORT AND METHOD OF SHAPING WORKPIECE AND SUPPORT**
[54] **SUPPORT ET METHODE DE FACONNAGE DE PIECE DE TRAVAIL ET SUPPORT**
[72] AMAYA, KOUICHI, JP
[72] ISHIMOTO, KOUSUKE, JP
[71] MATSUURA MACHINERY CORPORATION, JP
[22] 2017-10-31
[41] 2018-01-17

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[51] **Int.Cl. G06F 17/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PERFORMING A HIERARCHICAL CLUSTERING OF A PLURALITY OF ITEMS**
[54] **METHODE ET SYSTEME D'EXECUTION DE GROUPEMENT ARCHITECTURE D'UNE PLURALITE D'ARTICLES**
[72] ZARIBAFIYAN, ARMAN, CA
[72] ALIPOUR KHAYER, ELHAM, CA
[72] ADOLPHS, CLEMENS, CA
[72] ROUNDS, MAXWELL, CA
[71] 1QB INFORMATION TECHNOLOGIES INC., CA
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[54] **WORKING VEHICLE, REMOTE DIAGNOSIS SYSTEM, AND REMOTE DIAGNOSIS METHOD**
[54] **VEHICULE DE TRAVAIL, SYSTEME DE DIAGNOSTIC A DISTANCE ET METHODE DE DIAGNOSTIC A DISTANCE**
[72] ODA, YUICHI, JP
[72] KURINAMI, KOUSUKE, JP
[71] KOMATSU LTD., JP
[85] 2017-02-10
[86] 2016-07-15 (PCT/JP2016/071089)
[87] (2957649)

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[51] **Int.Cl. A61L 24/04 (2006.01)**
[25] EN
[54] **TERNARY MIXTURE FOR A BONE CEMENT AND METHOD FOR ITS REALISATION**
[54] **MELANGE TERNAIRE POUR CIMENT OSSEUX ET PROCEDE POUR SA REALISATION**
[72] FACCIOLI, GIOVANNI, IT
[72] SOFFIATTI, RENZO, IT
[71] TECRES S.P.A., IT
[85] 2017-07-19
[86] 2016-02-12 (PCT/IB2016/050747)
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[30] IT (102015000006095) 2015-02-12

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[13] A1
[51] **Int.Cl. G05F 1/67 (2006.01)**
[25] EN
[54] **METHOD FOR TRACKING CONTROL OF MAXIMUM OUTPUT POWER POINT OF SOLAR CELL AND TRACKING DEVICE**
[54] **PROCEDE DE COMMANDE DE SUIVI DU POINT DE PUISSANCE MAXIMALE D'UNE CELLULE SOLAIRE, ET DISPOSITIF DE SUIVI**
[72] LI, HONGTAO, CN
[71] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
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[25] EN
[54] **JAMB SPRAY MIXES INCLUDING FUSED SILICA AND METHODS OF UTILIZING THE MIXES**
[54] **MELANGE DE PULVERISATION POUR MONTANT RENFERMANT DE LA SILICE FONDUE ET METHODES D'UTILISATION DES MELANGES**
[72] GISEWHITE, THOMAS H., US
[72] LANGENOHL, MARK C., US
[72] MCGREGOR, LYNN G., US
[71] RESCO PRODUCTS, INC., US
[85] 2017-09-19
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[25] EN
[54] **CRYPTOPHYCIN-BASED ANTIBODY-DRUG CONJUGATES WITH NOVEL SELF-IMMOLATIVE LINKERS**
[54] **CONJUGUES MEDICAMENT-ANTICORPS A BASE DE CRYPTOPHYCINE AVEC NOUVEAUX LIEURS AUTO-IMMOLABLES**
[72] STEINKUHLER, M. CHRISTIAN, IT
[72] GALLINARI, M. PAOLA, IT
[72] OSSWALD, BIANCA, DE
[72] SEWALD, NORBERT, DE
[72] RITZEFELD, MARKUS, DE
[72] FRESE, MARCEL, DE
[72] FIGUERAS, EDUARD, DE
[72] PETHO, LILLA, HU
[71] EXIRIS S.R.L., IT
[85] 2017-09-13
[86] 2016-03-15 (PCT/EP2016/055599)
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[13] A1
[51] **Int.Cl. C22F 1/04 (2006.01) B21B 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING ALUMINUM ALLOY ROLLED MATERIAL FOR MOLDING HAVING EXCELLENT BENDING WORKABILITY AND RIDGING RESISTANCE AND COMPRISING ALUMINUM ALLOY**
[54] **METHODE DE PRODUCTION DE MATERIAU LAMINE EN ALLIAGE D'ALUMINIUM DESTINE AU MOULAGE AYANT UNE EXCELLENTE MANIABILITE DE COURBURE ET UNE RESISTANCE A LA FORMATION DE SILLON ET COMPORTANT UN ALLIAGE EN ALUMINIUM**
[72] YAMAMOTO, YUSUKE, JP
[72] SHINZATO, YOSHIFUMI, JP
[72] ASANO, MINEO, JP
[71] UACJ CORPORATION, JP
[85] 2017-10-02
[86] 2017-07-12 (PCT/JP2017/025401)
[87] (2981236)
[30] JP (2016-139812) 2016-07-14
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[54] **COMPOSITION AND METHOD FOR TREATING SEIZURE DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE TROUBLES EPILEPTIQUES**
[72] MUKUNDA, RAMACHANDRA, US
[72] KRISHNA, RANGA CHELVA, US
[71] INDIA GLOBALIZATION CAPITAL, INC., US
[85] 2017-09-28
[86] 2016-03-25 (PCT/US2016/024145)
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[25] EN
[54] **SUCCULENT EXTRACT AND ALGINATE COMBINED SOLUTIONS AND PRODUCTS INCORPORATING THEM**
[54] **SOLUTIONS COMBINANT EXTRAIT DE PLANTE GRASSE ET ALGINATE ET PRODUITS EN CONTENANT**
[72] SPEAKER, TYCHO JOSEPH, US
[72] BRAWN, W. PRESTON, US
[71] CAPSULENT, US
[85] 2017-09-28
[86] 2016-04-12 (PCT/US2016/027098)
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[51] **Int.Cl. G01J 1/42 (2006.01)**
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[54] **ELECTRO-OPTIC TERAHERTZ DETECTOR**
[54] **DETECTEUR ELECTRO-OPTIQUE D'UN RAYONNEMENT TERAHERTZ**
[72] DUNN, MALCOLM HARRY, GB
[71] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
[85] 2017-09-29
[86] 2016-03-29 (PCT/GB2016/050866)
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[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/73 (2006.01)**
[25] EN
[54] **COMPOSITION**
[54] **COMPOSITION**
[72] CONSTANTINE, MARK, GB
[72] CONSTANTINE, MARGARET JOAN, GB
[72] AMBROSEN, HELEN ELIZABETH, GB
[72] BIRD, ROWENA JACQUELINE, GB
[71] COSMETIC WARRIORS LIMITED, GB
[85] 2017-09-29
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[13] A1
[51] **Int.Cl. A61K 8/36 (2006.01) A61K 8/365 (2006.01) A61Q 5/12 (2006.01)**
[25] EN
[54] **SOLID EFFERVESCENT HAIR CONDITIONING COMPOSITION**
[54] **COMPOSITION EFFERVESCENTE SOLIDE DE REVITALISANT CAPILLAIRE**
[72] CONSTANTINE, MARK, GB
[72] CONSTANTINE, MARGARET JOAN, GB
[72] AMBROSEN, HELEN ELIZABETH, GB
[72] BIRD, ROWENA JACQUELINE, GB
[72] CAMPBELL, DANIEL JAMES, GB
[71] COSMETIC WARRIORS LIMITED, GB
[85] 2017-09-29
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[25] EN
[54] **VEGETABLE BUTTER COMPOSITION**
[54] **COMPOSITION DE BEURRE VEGETAL**
[72] CONSTANTINE, MARK, GB
[72] CONSTANTINE, MARGARET JOAN, GB
[72] AMBROSEN, HELEN ELIZABETH, GB
[72] BIRD, ROWENA JACQUELINE, GB
[71] COSMETIC WARRIORS LIMITED, GB
[85] 2017-09-29
[86] 2016-04-21 (PCT/GB2016/051100)
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[30] GB (1506828.1) 2015-04-22

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[25] EN
[54] **LATHERING BATHING COMPOSITION**
[54] **COMPOSITION DE BAIN MOUSSANT**
[72] CONSTANTINE, MARK, GB
[72] CONSTANTINE, MARGARET JOAN, GB
[72] AMBROSEN, HELEN ELIZABETH, GB
[72] BIRD, ROWENA JACQUELINE, GB
[72] CONSTANTINE, JACK, GB
[71] COSMETIC WARRIORS LIMITED, GB
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[25] EN
[54] **PYRROLIDONE CARBOXYLIC ACID (PCA) FOR OPHTHALMIC USE**
[54] **ACIDE PYRROLIDONE CARBOXYLIQUE (PCA) A USAGE OPHTALMIQUE**
[72] BALDACCI, MASSIMO, IT
[71] LABORATORI BALDACCI S.P.A., IT
[85] 2017-09-29
[86] 2016-04-06 (PCT/IB2016/051934)
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[25] EN
[54] **DEVICES AND METHODS FOR SAMPLE ANALYSIS**
[54] **DISPOSITIFS ET PROCEDES D'ANALYSE D'ECHANTILLON**
[72] HUFF, JEFFREY B., US
[72] HAYDEN, MARK A., US
[72] KARABATSOS, PETER J., US
[72] FISCHER, ANDREW (ANDY), US
[72] ROBINSON, JOHN M., US
[72] HOLETS-MCCORMACK, SHELLEY R., US
[72] LAURENSON, SOPHIE, CH
[71] ABBOTT LABORATORIES, US
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[51] **Int.Cl. C07D 401/04 (2006.01) C12N 15/113 (2010.01) A61K 31/165 (2006.01) A61K 31/33 (2006.01) A61K 31/395 (2006.01) A61K 31/404 (2006.01) A61K 31/416 (2006.01) A61K 31/4164 (2006.01) A61K 31/4178 (2006.01) A61K 31/4184 (2006.01) A61K 31/4196 (2006.01) A61K 31/422 (2006.01) A61K 31/4245 (2006.01) A61K 31/427 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61K 31/522 (2006.01) A61K 31/53 (2006.01) A61K 31/538 (2006.01) A61K 31/5383 (2006.01) A61K 31/551 (2006.01) C07C 233/15 (2006.01) C07D 209/08 (2006.01) C07D 231/40 (2006.01) C07D 231/56 (2006.01) C07D 233/44 (2006.01) C07D 249/14 (2006.01) C07D 265/22 (2006.01) C07D 277/42 (2006.01) C07D 295/135 (2006.01) C07D 295/26 (2006.01) C07D 401/12 (2006.01) C07D 403/04 (2006.01) C07D 405/04 (2006.01) C07D 405/14 (2006.01) C07D 407/14 (2006.01) C07D 409/12 (2006.01) C07D 413/04 (2006.01) C07D 413/06 (2006.01) C07D 417/06 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 473/06 (2006.01) C07D 487/04 (2006.01) C07D 495/04 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TREATING AND/OR PREVENTING CELL OR TISSUE NECROSIS SPECIFICALLY TARGETING CATHEPSIN C AND/OR CELA1 AND/OR CELA3A AND/OR STRUCTURALLY RELATED ENZYMES THERETO**
[54] **COMPOSITIONS DE TRAITEMENT ET/OU DE PREVENTION DE LA NECROSE TISSULAIRE OU CELLULAIRE CIBLANT SPECIFIQUEMENT LA CATHEPSINE C ET/OU CELA1 ET/OU CELA3A ET/OU DES ENZYMES Y ETANT STRUCTURELLEMENT APPARENTEES**
[72] KHALFIN, BORIS, IL
[72] NATHAN, ILANA, IL
[71] ELA PHARMA LTD, IL
[85] 2017-10-03
[86] 2016-04-07 (PCT/IL2016/050371)
[87] (WO2016/162870)
[30] US (62/143,821) 2015-04-07
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[25] EN
[54] **COMPOSITIONS COMPRISING AMINO ACIDS FOR USE IN THE TREATMENT OF MUCOSITIDES IN NEOPLASIA PATIENTS UNDERGOING RADIATION THERAPY AND/OR CHEMOTHERAPY**
[54] **COMPOSITIONS COMPRENANT DES ACIDES AMINES POUR UNE UTILISATION DANS LE TRAITEMENT DE MUCOSITES CHEZ LE PATIENT ATTEINT DE NEOPLASIE TRAITE PAR RADIOTHERAPIE ET/OU CHIMIOTHERAPIE**
[72] GIORGETTI, PAOLO LUCA MARIA, IT
[71] PROFESSIONAL DIETETICS S.P.A., IT
[85] 2017-10-04
[86] 2016-05-12 (PCT/IB2016/052724)
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[30] IT (102015000015060) 2015-05-14

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[13] A1
[51] **Int.Cl. C07D 405/06 (2006.01) A61K 31/4196 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **ANTIFUNGAL 4-(4-(4-(((3R,5R)-5-((1 H-1,2,4-TRIAZOL-1-YL)METHYL)-5-(2,4-DIFLUOROPHENYL)TETRAHYDROFURAN-3-YL)METHOXY)-3-METHYLPHENYL)PIPERAZIN-1-YL)-N-(2-HYDROXYCYCLOHEXYL) BENZAMIDE, OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF**
[54] **BENZAMIDE 4-(4-(4-(((3R,5R)-5-((1H-1,2,4-TRIAZOL-1-YL)METHYL)-5-(2,4-DIFLUOROPHENYL)TETRAHYDROFURAN-3-YL)METHOXY)-3-METHYLPHENYL)PIPERAZIN-1-YL)-N-(2-HYDROXYCYCLOHEXYL) ANTIFONGIQUE, OU UN SEL PHARMACEUTIQUEMENT ACCEPTABLE DE CELUI-CI**
[72] COLLEY, THOMAS CHRISTOPHER, GB
[72] ITO, KAZUHIRO, GB
[72] STRONG, PETER, GB
[72] SUNOSE, MIHIRO, GB
[72] MCCONVILLE, MATTHEW, GB
[71] PULMOCIDE LIMITED, GB
[85] 2017-10-05
[86] 2016-05-20 (PCT/GB2016/051467)
[87] (WO2016/185225)
[30] EP (15168637.5) 2015-05-21

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[25] EN
[54] **IN-LINE INSPECTION TOOL**
[54] **OUTIL D'INSPECTION EN LIGNE**
[72] BOENISCH, ANDREAS, DE
[71] INNOSPECTION GROUP LIMITED, GB
[85] 2017-10-06
[86] 2016-04-07 (PCT/GB2016/050983)
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[51] **Int.Cl. A61K 31/155 (2006.01) A61P 3/00 (2006.01) C07C 281/18 (2006.01) C12Q 1/42 (2006.01) G01N 33/573 (2006.01)**
[25] EN
[54] **METHODS FOR SELECTING PHOSPHATASE SELECTIVE AND NON-SELECTIVE PHOSPHATASE INHIBITORS**
[54] **PROCEDES DE SELECTION D'INHIBITEURS SELECTIFS ET NON SELECTIFS DES PHOSPHATASE**
[72] BERTOLOTTI, ANNE, GB
[72] DAS, INDRAJIT, GB
[72] KRZYZOSIAK, AGNIESZKA, GB
[72] ROUSSEAU, ADRIEN, GB
[72] SCHNEIDER, KIM, GB
[72] SIGURDARDOTTIR, ANNA GUDNY, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2017-10-06
[86] 2016-04-08 (PCT/GB2016/050990)
[87] (WO2016/162688)
[30] GB (1505975.1) 2015-04-08
[30] GB (1505971.0) 2015-04-08

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[25] EN
[54] **INHIBITORS AND THEIR USES**
[54] **INHIBITEURS ET LEURS UTILISATIONS**
[72] BERTOLOTTI, ANNE, GB
[72] DAS, INDRAJIT, GB
[72] KRZYZOSIAK, AGNIESZKA, GB
[72] ROUSSEAU, ADRIEN, GB
[72] SCHNEIDER, KIM, GB
[72] SIGURDARDOTTIR, ANNA GUDNY, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2017-10-06
[86] 2016-04-08 (PCT/GB2016/050991)
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[30] GB (1505975.1) 2015-04-08
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF MOVEMENT DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE TROUBLES DU MOUVEMENT**
[72] MOCHEL, FANNY, FR
[71] ULTRAGENYX PHARMACEUTICAL INC., US
[85] 2017-10-06
[86] 2016-04-07 (PCT/US2016/026338)
[87] (WO2016/164521)
[30] US (62/144,036) 2015-04-07
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[25] EN
[54] **STEM CELL COMPOSITIONS FOR COSMETIC AND DERMATOLOGIC USE**
[54] **COMPOSITIONS DE CELLULES SOUCHES DESTINEES A UN USAGE COSMETIQUE ET DERMATOLOGIQUE**
[72] NISTOR, GABRIEL, US
[72] POOLE, ALEKSANDRA J., US
[72] KEIRSTEAD, HANS S., US
[71] NEOSTEM ONCOLOGY, LLC, US
[85] 2017-10-06
[86] 2016-04-11 (PCT/US2016/026968)
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[30] US (62/145,345) 2015-04-09

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[25] EN
[54] **INDOLE DERIVATIVES**
[54] **DERIVES D'INDOLE**
[72] BEKE, GYULA, HU
[72] ELES, JANOS, HU
[72] BOROS, ANDRAS, HU
[72] FARKAS, SANDOR, HU
[72] KESERU, GYORGY MIKLOS, HU
[71] RICHTER GEDEON NYRT., HU
[85] 2017-10-10
[86] 2016-04-14 (PCT/IB2016/052110)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING MYCOBACTERIA INFECTIONS AND LUNG DISEASE**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT D'INFECTIONS ET DE MALADIES PULMONAIRES A MYCOBACTERIES**
[72] LU, RUYING, US
[71] MATINAS BIOPHARMA NANOTECHNOLOGIES, INC., US
[85] 2017-10-06
[86] 2016-04-22 (PCT/US2016/028999)
[87] (WO2016/172595)
[30] US (62/151,218) 2015-04-22

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[51] **Int.Cl. C10L 3/06 (2006.01) B01D 53/04 (2006.01) C10G 2/00 (2006.01) C25B 1/04 (2006.01)**
[25] EN
[54] **PRODUCTION PROCESS AND PRODUCTION SYSTEM FOR PRODUCING METHANE/GASEOUS AND/OR LIQUID HYDROCARBONS**
[54] **PROCEDE ET INSTALLATION POUR LA PRODUCTION DE METHANE/D'HYDROCARBURES GAZEUX ET/OU LIQUIDES**
[72] VON OLSHAUSEN, CHRISTIAN, DE
[72] RUGER, DIETMAR, DE
[72] WURZBACHER, JAN, ANDRE, CH
[72] GEBALD, CHRISTOPH, CH
[71] SUNFIRE GMBH, DE
[71] CLIMEWORKS AG, CH
[85] 2017-10-06
[86] 2016-04-07 (PCT/DE2016/100164)
[87] (WO2016/162022)
[30] DE (PCT/DE2015/100148) 2015-04-08

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[51] **Int.Cl. C07C 67/343 (2006.01) C07C 51/353 (2006.01)**
[25] EN
[54] **A PROCESS FOR THE PRODUCTION OF ETHYLENICALLY UNSATURATED CARBOXYLIC ACIDS OR ESTERS**
[54] **PROCEDE DE PRODUCTION D'ACIDES OU D'ESTERS CARBOXYLIQUES A INSATURATION ETHYLENIQUE**
[72] EASTHAM, GRAHAM RONALD, GB
[72] JOHNSON, DAVID WILLIAM, GB
[72] WAUGH, MARK, GB
[72] IGGO, JONATHAN AINSLEY, GB
[72] BEAUMONT, MICHAEL, GB
[71] LUCITE INTERNATIONAL UK LIMITED, GB
[85] 2017-10-11
[86] 2016-04-12 (PCT/GB2016/051026)
[87] (WO2016/166525)
[30] GB (1506308.4) 2015-04-14
[30] US (62/147,347) 2015-04-14

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[13] A1
[51] **Int.Cl. C07D 405/12 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **POLYMORPHS AND PROCESS FOR THE PREPARATION OF QUINAZOLINYL DERIVATIVES**
[54] **POLYMORPHES ET PROCEDE POUR LA PREPARATION DE DERIVES DE QUINAZOLINYLE**
[72] PARTHASARADHI REDDY, BANDI, IN
[72] RATHNAKAR REDDY, KURA, IN
[72] VAMSI KRISHNA, BANDI, IN
[72] SRINIVAS RAO, NIMMALA, IN
[71] HETERO LABS LTD, IN
[85] 2017-10-11
[86] 2016-04-15 (PCT/IB2016/052164)
[87] (WO2016/166720)
[30] IN (1979/CHE/2015) 2015-04-17
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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 9/32 (2006.01) A61K 31/194 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **RIBOCICLIB TABLET**
[54] **COMPRIME DE RIBOCICLIB**
[72] GURURAJAN, BINDHUMADHAVAN, CH
[72] GRANDEURY, ARNAUD, CH
[72] COSTA, RUI, CH
[71] NOVARTIS AG, CH
[85] 2017-10-11
[86] 2016-04-14 (PCT/IB2016/052136)
[87] (WO2016/166703)
[30] US (62/148,240) 2015-04-16

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[13] A1
[51] **Int.Cl. A61K 35/17 (2015.01) A61K 35/15 (2015.01) A61K 41/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **THERAPEUTIC POOLED BLOOD APOPTOTIC CELL PREPARATIONS AND USES THEREOF**
[54] **PREPARATIONS THERAPEUTIQUES A BASE DE CELLULES APOPTOTIQUES SANGUINES REGROUPEES ET LEURS UTILISATIONS**
[72] MEVORACH, DROR, IL
[72] NOVIK, SHAI, IL
[71] ENLIVEX THERAPEUTICS LTD., IL
[85] 2017-10-11
[86] 2016-04-21 (PCT/IL2016/050430)
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[30] US (62/150,305) 2015-04-21

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[13] A1
[51] **Int.Cl. A61K 8/06 (2006.01) A61K 8/04 (2006.01) A61Q 5/02 (2006.01) A61Q 5/12 (2006.01)**
[25] EN
[54] **HAIR CARE REGIMEN USING AN AEROSOL FOAM CONCENTRATED CONDITIONER**
[54] **REGIME DE SOINS CAPILLAIRES UTILISANT UN CONDITIONNEUR CONCENTRE DE MOUSSE AEROSOL**
[72] TORRES RIVERA, JAZMIN VERONICA, US
[72] KAUFMAN, KATHLEEN MARY, US
[72] GLENN, ROBERT WAYNE, JR., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-10-11
[86] 2016-04-22 (PCT/US2016/028853)
[87] (WO2016/172487)
[30] US (62/151,645) 2015-04-23

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[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/483 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **PROGNOSTIC AND DIAGNOSTIC GLYCAN-BASED BIOMARKERS OF BRAIN DAMAGE**
[54] **BIOMARQUEURS A BASE DE GLYCANE DE PRONOSTIC ET DE DIAGNOSTIC DE LESIONS CEREBRALES**
[72] HAREL, ADRIAN, FI
[71] MEDICORTEX FINLAND OY, FI
[85] 2017-10-12
[86] 2016-04-14 (PCT/FI2016/050246)
[87] (WO2016/166419)
[30] FI (20155280) 2015-04-15

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[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/19 (2006.01) A61Q 1/02 (2006.01)**
[25] EN
[54] **COMPOSITION**
[54] **COMPOSITION**
[72] CONSTANTINE, MARK, GB
[72] CONSTANTINE, MARGARET JOAN, GB
[72] AMBROSEN, HELEN ELIZABETH, GB
[72] BIRD, ROWENA JACQUELINE, GB
[71] COSMETIC WARRIORS LIMITED, GB
[85] 2017-10-12
[86] 2016-04-21 (PCT/GB2016/051103)
[87] (WO2016/170337)
[30] GB (1506826.5) 2015-04-22

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[13] A1
[51] **Int.Cl. C07F 17/00 (2006.01) C08F 4/6592 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **METHOD FOR SYNTHESIS OF MONOCYCLOPENTADIENYL COMPLEXES OF ZIRCONIUM AND HAFNIUM**
[54] **PROCEDE POUR LA SYNTHESE DE COMPLEXES DE MONOCYCLOPENTADIENYLE DE ZIRCONIUM ET D'HAFNIUM**
[72] HARLAN, C. JEFF, US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-10-12
[86] 2016-04-14 (PCT/US2016/027511)
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[30] US (62/148,913) 2015-04-17

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[51] **Int.Cl. C07D 403/12 (2006.01) A01N 43/60 (2006.01) A61K 31/506 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **ANTIFUNGAL AGENTS**
[54] **AGENTS ANTIFONGIQUES**
[72] SIBLEY, GRAHAM EDWARD MORRIS, GB
[72] LAW, DEREK, GB
[72] OLIVER, JASON DAVID, GB
[72] BIRCH, MICHAEL, GB
[71] F2G LIMITED, GB
[85] 2017-10-13
[86] 2015-11-20 (PCT/GB2015/053546)
[87] (WO2016/079536)
[30] GB (1420743.5) 2014-11-21
[30] GB (1505891.0) 2015-04-07

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[51] **Int.Cl. A61K 39/385 (2006.01) A61K 39/12 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **VACCINE COMPOSITIONS FOR TREATMENT OF ZIKA VIRUS**
[54] **COMPOSITIONS DE VACCIN DESTINEES AU TRAITEMENT DU VIRUS ZIKA**
[72] ANDERSON, DAVID EVANDER, US
[72] FLUCKIGER, ANNE-CATHERINE, FR
[71] VARIATION BIOTECHNOLOGIES INC., CA
[85] 2017-10-17
[86] 2017-07-06 (PCT/CA2017/050822)
[87] (2982796)
[30] US (62/363,545) 2016-07-18
[30] US (62/413,007) 2016-10-26

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 11/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-FLT-1 ANTIBODIES IN TREATING BRONCHOPULMONARY DYSPLASIA**
[54] **ANTICORPS ANTI-FLT-1 UTILISES DANS LE TRAITEMENT DE LA DYSPLASIE BRONCHOPULMONAIRE**
[72] KEEFE, DENNIS, US
[72] ABMAN, STEVEN, US
[72] SEEDORF, GREGORY, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2017-10-05
[86] 2016-04-07 (PCT/US2016/026420)
[87] (WO2016/164567)
[30] US (62/144,241) 2015-04-07

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[13] A1
[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/36 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR LONG-LASTING MOISTURIZING COSMETIC FORMULATION COMPRISING UCUUBA BUTTER WITH HIGH CONCENTRATION OF MYRISTIC ACID, AS WELL AS THE USE OF SAID FORMULATION FOR THE PREPARATION OF A HIGHLY MOISTURIZING COSMETIC PRODUCT AND KIT**
[54] **COMPOSITIONS POUR FORMULATION COSMETIQUE D'HYDRATATION PROLONGEE COMPRENANT DU BEURRE D'UCUUBA A HAUTE CONCENTRATION EN ACIDE MYRISTIQUE, ET UTILISATION DE LADITE FORMULATION POURLA PREPARATION D'UN PRODUIT COSMETIQUE A HAUT POUVOIR HYDRATANT ET TROUSSE**
[72] FURTADO GRAFIN VON YSENBURG-PHILIPPSEICH, AURORA MARIA, BR
[72] EMIDIO, SIMONE, BR
[72] SPADOTO, MARIANE, BR
[72] RUSCA, WAGNER FRANZIN, BR
[72] CASTELLANI, DEBORA CRISTINA, BR
[72] OKUTA, DANIELA VELOSO, BR
[72] PEREIRA, ROBERTA GISELE DE SOUZA OLIVEIRA, BR
[72] ROESLER, ROBERTA, BR
[71] NATURA COSMETICOS S.A., BR
[85] 2017-10-16
[86] 2016-04-15 (PCT/BR2016/050083)
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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/395 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61K 31/5386 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 413/14 (2006.01) C07D 451/14 (2006.01) C07D 471/08 (2006.01) C07D 471/10 (2006.01) C07D 487/08 (2006.01) C07D 498/08 (2006.01)**
[25] EN
[54] **PLK4 INHIBITORS**
[54] **INHIBITEURS DE PLK4**
[72] GAHMAN, TIMOTHY, US
[72] SHIAU, ANDREW K., US
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH LTD, CH
[85] 2017-10-16
[86] 2016-04-15 (PCT/IB2016/000594)
[87] (WO2016/166604)
[30] US (62/149,292) 2015-04-17

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[13] A1
[51] **Int.Cl. C07C 43/23 (2006.01) B01J 31/38 (2006.01) C07C 39/367 (2006.01) C07F 5/02 (2006.01) C07F 7/00 (2006.01) C08F 10/00 (2006.01)**
[25] EN
[54] **BRIDGED BI-AROMATIC LIGANDS AND OLEFIN POLYMERIZATION CATALYSTS PREPARED THEREFROM**
[54] **LIGANDS BI-AROMATIQUES PONTES ET CATALYSEURS DE POLYMERISATION D'OLEFINES PREPARES A PARTIR DE CEUX-CI**
[72] FALER, CATHERINE ANNE, US
[72] HARLAN, C. JEFF, US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-10-13
[86] 2016-04-19 (PCT/US2016/028268)
[87] (WO2016/172097)
[30] US (62/150,124) 2015-04-20

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[25] EN
[54] **USE OF ANTIBIOTICS WITH SPECIFIC THERAPEUTIC ACTIVITIES COMBINED WITH THE SIMULTANEOUS USE OF LACTOBACILLI AND/OR BIFIDOBACTERIA WITH A NON-TRANSFERABLE ANTIBIOTIC RESISTANCE, HAVING THE SAME THERAPEUTIC INDICATION**
[54] **UTILISATION D'ANTIBIOTIQUES EN PRESENCE D'ACTIVITES THERAPEUTIQUES SPECIFIQUES COMBINEE A L'UTILISATION SIMULTANEE DE LACTOBACILLES ET/OU DE BIFIDOBACTERIES DOTEES D'UNE RESISTANCE AUX ANTIBIOTIQUES NON-TRANSFERABLE, PRESENTANT LA MEME INDICATION THERAPEUTIQUE**
[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
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[54] **CATALYTIC UPGRADING OF PYROLYTIC VAPORS**
[54] **VALORISATION CATALYTIQUE DES VAPEURS PYROLYTIQUES**
[72] HEISKANEN, JUKKA, FI
[72] KARKI, SARA, FI
[72] VALIMAKI, ERKKI, FI
[72] SHENASSA, REYHANEH, US
[72] MANTYNIEMI, JUSSI, FI
[72] JOKELA, PEKKA, FI
[72] GUTIERREZ, ANDREA, FI
[72] AUTIO, JOAKIM, FI
[72] ASIKKALA, JANNE, FI
[71] VALMET TECHNOLOGIES OY, FI
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[25] FR
[54] **METHOD FOR PREPARING A FECAL MICROBIOTA SAMPLE**
[54] **PROCEDE DE PREPARATION D'UN ECHANTILLON DE MICROBIOTE FECAL**
[72] AFFAGARD, HERVE, FR
[72] SCHWINTNER, CAROLE, FR
[72] JUSTE, CATHERINE, FR
[72] DORE, JOEL, FR
[72] LEPAGE, PATRICIA, FR
[72] MAILLET, CHRISTEL, FR
[72] RABOT, SYLVIE, FR
[72] FONSECA, FERNANDA, FR
[72] BLOTTIERE, HERVE, FR
[71] MAAT PHARMA, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
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[25] EN
[54] **TRIGGERABLE SHAPE MEMORY INDUCTION DEVICES**
[54] **DISPOSITIFS D'INDUCTION A MEMOIRE DE FORME POUVANT ETRE DECLENCHES**
[72] ZHANG, SHIYI, US
[72] ZHAO, YIDA, US
[72] TRAVERSO, CARLO GIOVANNI, CA
[72] LANGER, ROBERT S., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2017-10-17
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[25] EN
[54] **THERAPEUTIC AND DIAGNOSTIC METHODS FOR CANCER**
[54] **PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT DU CANCER**
[72] KOWANETZ, MARCIN, US
[71] GENENTECH, INC., US
[85] 2017-10-17
[86] 2016-05-12 (PCT/US2016/032112)
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[25] EN
[54] **CRYSTALLINE FORMS OF 1-((2R,4R)-2-(1H-BENZO[D]IMIDAZOL-2-YL)-1-METHYLPIPERIDIN-4-YL)-3-(4-CYANOPHENYL)UREA MALEATE**
[54] **FORMES CRISTALLINES DU MALEATE DE 1-((2R,4R)-2-(1H-BENZO[D]IMIDAZOL-2-YL)-1-METHYLPIPERIDIN-4-YL)-3-(4-CYANOPHENYL)UREE**
[72] HANSEN, ERIC CHRISTIAN, US
[72] SEADEEK, CHRISTOPHER SCOTT, US
[71] PFIZER INC., US
[85] 2017-10-19
[86] 2016-04-13 (PCT/IB2016/052107)
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[25] EN
[54] **DRIFT COMPENSATION**
[54] **COMPENSATION DE DERIVE**
[72] ENG, FRIDA, SE
[72] GUSTAVSSON, MIKAEL, SE
[72] LOWENBORG, PER, SE
[72] OLSSON, MARTIN, SE
[71] SIGNAL PROCESSING DEVICES SWEDEN AB, SE
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[86] 2015-04-28 (PCT/SE2015/050476)
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[25] EN
[54] **MICROBIAL COMPOSITIONS AND METHODS FOR BIOPROTECTION**
[54] **COMPOSITIONS MICROBIENNES ET PROCEDES DE BIOPROTECTION**
[72] BYWATER-EKEGARD, MARGARET, CA
[71] INOCUCOR TECHNOLOGIES, INC., CA
[85] 2017-10-26
[86] 2016-05-02 (PCT/IB2016/000675)
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[25] EN
[54] **STABLE READY-TO-DRINK BEVERAGE COMPOSITIONS COMPRISING LIPOPHILIC ACTIVE AGENTS**
[54] **COMPOSITIONS DE BOISSONS STABLES PRETES A BOIRE COMPRENANT DES AGENTS ACTIFS LIPOPHILES**
[72] DOCHERTY, JOHN, CA
[72] BUNKA, CHRISTOPHER ANDREW, CA
[72] IHRKE, THOMAS JAMES, US
[71] POVIVA TEA, LLC, US
[85] 2017-11-02
[86] 2016-12-01 (PCT/US2016/064296)
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[25] EN
[54] **WEARING ARTICLE AND FOOTWEAR**
[54] **ARTICLE PORTABLE ET CHAUSSURE**
[72] SATO, SEIJI, JP
[71] MEDICA SATO LTD., JP
[85] 2017-11-15
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[51] **Int.Cl. G01V 3/30 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **ANTENNAS FOR WELLBORE LOGGING TOOLS AND METHODS OF MANUFACTURE**
[54] **ANTENNES POUR OUTILS DE DIAGRAPHIE DE PUITS DE FORAGE ET PROCEDES DE FABRICATION**
[72] PRAKASH, ANAND, US
[72] KOROVIN, ALEXEI, US
[72] COBB, JAMES H., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-11-09
[86] 2015-06-26 (PCT/US2015/038046)
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[25] EN
[54] **FORCE MEASURIMG DEVICE FOR A SYSTEM FOR CRIMPING AN ELEMENT ON A PART**
[54] **DISPOSITIF DE MESURE DE LA FORCE DESTINE A UN SYSTEME DE SERRAGE D'UN ELEMENT SUR UNE PIECE**
[72] MACCHIERALDO, DAVID, FR
[72] GARGALLO, JORDI, FR
[72] MATTLER, CLAUDE, FR
[71] BOLLHOFF OTALU S.A., FR
[85] 2017-11-10
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[25] EN
[54] **MEASURING ASSEMBLY ON A WIND TURBINE**
[54] **DISPOSITIF DE MESURE SITUE SUR UNE EOLIENNE**
[72] LEBOSQ, RODOLPHE, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2017-11-10
[86] 2016-04-29 (PCT/EP2016/059682)
[87] (WO2016/184665)
[30] DE (10 2015 209 109.0) 2015-05-19

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[25] EN
[54] **READY TIMER PERIOD SPLITTING FOR EXTENDED COVERAGE GLOBAL SYSTEM FOR MOBILE COMMUNICATIONS (EC-GSM)**
[54] **DIVISION DE PERIODE DE COMPTEUR DE FIN D'ETAT PRET POUR SYSTEME GLOBAL DE PORTEE ETENDUE POUR COMMUNICATIONS MOBILES (EC-GSM)**
[72] DIACHINA, JOHN WALTER, US
[72] SCHLIWA-BERTLING, PAUL, SE
[72] BERGQVIST, JENS, SE
[72] HOFSTROM, BJORN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-11-10
[86] 2016-05-21 (PCT/IB2016/052990)
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[54] **METHOD FOR GENERATING MULTIPLE FREE SEISMIC IMAGES**
[54] **PROCEDE POUR GENERER DES IMAGES SISMIQUES SANS REFLEXIONS MULTIPLES**
[72] AKCELIK, VOLKAN, US
[72] KREBS, JEROME R., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-11-10
[86] 2016-03-16 (PCT/US2016/022551)
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[51] **Int.Cl. G01V 9/00 (2006.01) G01V 1/30 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **GEOLOGIC STRATIGRAPHY VIA IMPLICIT AND JUMP FUNCTIONS**
[54] **STRATIGRAPHIE GEOLOGIQUE PAR LE BIAIS DE FONCTIONS IMPLICITES ET SAUT**
[72] LAVERNE, THOMAS, FR
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-11-10
[86] 2016-05-10 (PCT/US2016/031553)
[87] (WO2016/183043)
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[51] **Int.Cl. H04N 19/14 (2014.01) H04N 19/182 (2014.01) H04N 19/86 (2014.01)**
[25] EN
[54] **IMAGE ENCODING METHOD AND DEVICE FOR SAMPLE VALUE COMPENSATION AND IMAGE DECODING METHOD AND DEVICE FOR SAMPLE VALUE COMPENSATION**
[54] **PROCEDE ET DISPOSITIF DE CODAGE D'IMAGE POUR UNE COMPENSATION DE VALEUR D'ECHANTILLON AINSI QUE PROCEDE ET DISPOSITIF DE DECODAGE D'IMAGE POUR UNE COMPENSATION DE VALEUR D'ECHANTILLON**
[72] CHOI, KI-HO, KR
[72] KIM, CHAN-YUL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-11-10
[86] 2015-10-16 (PCT/KR2015/010957)
[87] (WO2016/182142)
[30] US (62/160,300) 2015-05-12

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[51] **Int.Cl. G01G 21/28 (2006.01)**
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[54] **MOBILE PALLET SCALE**
[54] **BASCULE MOBILE DE PALETTE**
[72] MAMICH, CHUCK, US
[72] NORMAN, DOUGLAS BLAKE, US
[72] RODRIGUEZ ANTON, FERNANDO, US
[71] TMS INTERNATIONAL CORPORATION, US
[85] 2017-11-14
[86] 2016-05-12 (PCT/US2016/032113)
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[30] US (62/162,292) 2015-05-15
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[25] EN
[54] **MASTER TRACKING DEVICE**
[54] **DISPOSITIF DE SUIVI MAITRE**
[72] LEBLANC, GRAHAM, US
[72] ALTAMIRANO, ARTURO, US
[72] NGUYEN, DINH QUY, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-11-14
[86] 2016-05-03 (PCT/US2016/030492)
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[51] **Int.Cl. H04W 72/12 (2009.01) H04W 56/00 (2009.01) H04R 3/00 (2006.01)**
[25] EN
[54] **WIRELESS MICROPHONE AND/OR IN-EAR MONITORING SYSTEM AND METHOD OF CONTROLLING A WIRELESS MICROPHONE AND/OR IN-EAR MONITORING SYSTEM**
[54] **MICROPHONE SANS FIL ET/OU SYSTEME DE RETOUR PERSONNEL ET PROCEDE DE COMMANDE D'UN MICROPHONE SANS FIL ET/OU D'UN SYSTEME DE RETOUR PERSONNEL**
[72] GEORGI, SEBASTIAN, DE
[72] WATERMANN, JAN, DE
[71] SENNHEISER ELECTRONIC GMBH & CO. KG, DE
[85] 2017-11-16
[86] 2016-06-14 (PCT/EP2016/063640)
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[30] DE (10 2015 210 873.2) 2015-06-15

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[51] **Int.Cl. H04J 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING RESERVED TONES AND TRANSMITTER FOR PERFORMING PAPR REDUCTION USING TONE RESERVATION**
[54] **PROCEDE POUR DETERMINER DES TONALITES RESERVEES, ET EMETTEUR POUR EXECUTER UNE REDUCTION DE PAPR AU MOYEN D'UNE RESERVATION DE TONALITE**
[72] PARK, JOO-SUNG, KR
[72] OH, YOUNG-HO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-11-16
[86] 2016-06-09 (PCT/KR2016/006144)
[87] (WO2016/200188)
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[30] US (62/209,410) 2015-08-25
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[51] **Int.Cl. H01P 1/208 (2006.01) H04B 7/204 (2006.01)**
[25] EN
[54] **DUAL MODE CAVITY FILTER AND SYSTEM COMPRISING SUCH FILTER**
[54] **FILTRE A CAVITES A MODE DOUBLE ET SYSTEME COMPRENANT UN TEL FILTRE**
[72] ACCATINO, LUCIANO, IT
[72] BERTIN, GIORGIO, IT
[71] AC CONSULTING DI LUCIANO ACCATINO, IT
[85] 2017-11-17
[86] 2016-05-13 (PCT/EP2016/060839)
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[51] **Int.Cl. H04N 19/117 (2014.01) H04N 19/107 (2014.01) H04N 19/139 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR VIDEO MOTION COMPENSATION**
[54] **APPAREIL ET PROCEDE PERMETTANT UNE COMPENSATION DE MOUVEMENT DE VIDEO**
[72] ZHAO, ZHIJIE, DE
[72] LIU, YIQUN, DE
[72] OSTERMANN, JOERN, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-11-21
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[51] **Int.Cl. H04H 40/18 (2009.01)**
[25] EN
[54] **BROADCASTING SIGNAL TRANSMITTING APPARATUS, BROADCASTING SIGNAL RECEIVING APPARATUS, BROADCASTING SIGNAL TRANSMITTING METHOD, AND BROADCASTING SIGNAL RECEIVING METHOD**
[54] **DISPOSITIF DE TRANSMISSION DE SIGNAL DE DIFFUSION, DISPOSITIF DE RECEPTION DE SIGNAL DE DIFFUSION, PROCEDE DE TRANSMISSION DE SIGNAL DE DIFFUSION, ET PROCEDE DE RECEPTION DE SIGNAL DE DIFFUSION**
[72] YANG, SEUNGRYUL, KR
[72] MOON, KYOUNGSOO, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[71] LG ELECTRONICS INC., KR
[85] 2017-11-21
[86] 2016-05-25 (PCT/KR2016/005537)
[87] (WO2016/190662)
[30] US (62/166,156) 2015-05-26
[30] US (62/167,286) 2015-05-28
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[25] EN
[54] **ELECTRONIC ANGLE MEASURING DEVICE FOR A BENDING MACHINE FOR MEASURING THE BENDING ANGLE BETWEEN THE LEGS OF A SHEET**
[54] **DISPOSITIF GONIOMETRIQUE ELECTRONIQUE POUR CINTREUSE, PERMETTANT DE MESURER L'ANGLE DE CINTRAGE ENTRE LES COTES D'UNE TOLE**
[72] WOGERBAUER, JOHANN, AT
[72] WOGERBAUER, ANDREAS, AT
[71] KEBA AG, AT
[85] 2017-11-23
[86] 2016-05-25 (PCT/AT2016/050163)
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[51] **Int.Cl. G01D 18/00 (2006.01) G16H 40/63 (2018.01) G01C 25/00 (2006.01)**
[25] EN
[54] **MEASUREMENT DATA PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE DONNEES DE MESURE**
[72] BOGER, ASTRID, DE
[71] DEUTSCHE TELEKOM AG, DE
[85] 2017-11-23
[86] 2016-05-17 (PCT/EP2016/060982)
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[30] DE (10 2015 108 447.3) 2015-05-28

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[51] **Int.Cl. B64D 31/00 (2006.01) B64C 11/30 (2006.01)**
[25] EN
[54] **SINGLE INPUT ENGINE CONTROLLER AND SYSTEM**
[54] **CONTROLEUR DE MOTEUR A UNE SEULE ENTREE ET SYSTEME**
[72] WEBB, DENNIS R., US
[72] CRANMER, WILLIAM J., US
[72] DOERS, DOUGLAS A., US
[71] DELTAHAWK ENGINES, INC., US
[85] 2017-11-29
[86] 2017-07-19 (PCT/US2017/042889)
[87] (2986977)
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[51] **Int.Cl. A45C 11/00 (2006.01) H04W 4/00 (2018.01) G02C 7/04 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **VISUAL TRIGGER IN PACKAGING**
[54] **ELEMENT DECLENCHEUR VISUEL DANS UN CONDITIONNEMENT**
[72] NEWMAN, STEPHEN D., SG
[71] MENICON SINGAPORE PTE LTD., SG
[85] 2017-11-29
[86] 2016-05-30 (PCT/SG2016/050255)
[87] (WO2016/195597)
[30] SG (10201504283Q) 2015-05-30

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[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING PROPER PHASE ROTATION IN DOWNHOLE LINEAR MOTORS**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER UNE ROTATION DE PHASE CORRECTE DANS DES MOTEURS LINEAIRES DE FOND DE TROU**
[72] PICHILINGUE, RENATO L., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-11-30
[86] 2016-04-29 (PCT/US2016/030066)
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[51] **Int.Cl. A23L 29/20 (2016.01) A23L 29/256 (2016.01) A23L 29/269 (2016.01) A23L 29/281 (2016.01) A23L 33/19 (2016.01) A23P 10/00 (2016.01) A23P 10/40 (2016.01) A23P 30/10 (2016.01) A23C 9/152 (2006.01) A23C 9/154 (2006.01) A23J 3/10 (2006.01)**
[25] EN
[54] **SELF-SUPPORTING DAIRY COMPOSITION**
[54] **COMPOSITION LAITIERE AUTOSUPPORTEE**
[72] NICOLAS, YVES, NL
[72] DRESSELHUIS, DIANE MARGRIET, NL
[72] HUISMAN, MIRANDA MARYSKA HELENA, NL
[71] FRIESLANDCAMPINA NEDERLAND B.V., NL
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[86] 2016-06-03 (PCT/NL2016/050401)
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[30] EP (15170865.8) 2015-06-05

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[25] EN
[54] **VIRAL CHIMERIC PARTICLE OF POTATO VIRUS X AND USE THEREOF FOR IN VITRO DIAGNOSIS OF SJOGREN SYNDROME**
[54] **PARTICULE CHIMERIQUE VIRALE DE VIRUS X DE LA POMME DE TERRE ET UTILISATION DE CELLE-CI POUR LE DIAGNOSTIC IN VITRO DU SYNDROME DE SJOGREN**
[72] LICO, CHIARA, IT
[72] BASCHIERI, SELENE, IT
[72] BENVENUTO, EUGENIO, IT
[72] AVESANI, LINDA, IT
[72] TINAZZI, ELISA, IT
[72] BARTOLONI BOCCI, ELENA, IT
[72] PEZZOTTI, MARIO, IT
[72] LUNARDI, CLAUDIO, IT
[71] ENEA - AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE, IT
[71] UNIVERSITA DEGLI STUDI DI VERONA, IT
[85] 2017-12-01
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[25] FR
[54] **METHOD FOR PRODUCING NANOCELLULOSES FROM A CELLULOSE SUBSTRATE**
[54] **PROCEDE POUR LA FABRICATION DE NANOCELLULOSES A PARTIR D'UN SUBSTRAT CELLULOSIQUE**
[72] CATHALA, BERNARD, FR
[72] VILLARES, ANA, FR
[72] BERRIN, JEAN-GUY, FR
[72] MOREAU, CELINE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE - INRA, FR
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[86] 2016-06-01 (PCT/FR2016/051306)
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[25] FR
[54] **DEVICE AND METHOD FOR LOADING A STORE**
[54] **DISPOSITIF ET METHODE DE CHARGEMENT D'UN MAGASIN**
[72] GAUTHERON, ANTHONY, FR
[71] C.E.R.M.E.X. CONSTRUCTIONS ETUDES ET RECHERCHES DE MATERIELS POUR L'EMBALLAGE D'EXPEDITION, FR
[85] 2017-12-04
[86] 2016-06-23 (PCT/FR2016/051546)
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[51] **Int.Cl. H02H 3/16 (2006.01) H04B 3/56 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **GROUND FAULT IMMUNE SENSOR POWER SUPPLY FOR DOWNHOLE SENSORS**
[54] **ALIMENTATION ELECTRIQUE DE CAPTEUR RESISTANT AU DEFAUTS DE MISE A LA TERRE POUR DES CAPTEURS DE FOND DE TROU**
[72] ALAAS, YUSEF, US
[72] GUPTA, SUDHIR KUMAR, US
[72] ALMUHANA, ARAM SHIHAB KHALEEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **AFFINITY ENTITIES COMPRISING A TCR-LIKE ANTIBODY BINDING DOMAIN WITH HIGH AFFINITY AND FINE SPECIFICITY AND USES OF SAME**
[54] **ENTITES D'AFFINITE COMPRENANT UN DOMAINE SE LIANT A UN ANTICORPS DE TYPE TCR A UNE AFFINITE ELEVEE ET UNE SPECIFICITE FINE ET LEURS UTILISATIONS**
[72] PELED KAMAR, MIRA, IL
[72] DENKBERG, GALIT, IL
[72] REITER, YORAM, IL
[72] BEER, ILAN, IL
[72] SINIK, KEREN, IL
[72] TEBOUL (ELBAZ), YAEL, IL
[72] SHPERBER (SERY), YAEL, IL
[72] EREL SEGAL, REUT, IL
[72] OREN, RAVIT, IL
[72] ALISHEKEVITZ, DROR SHMUEL, IL
[71] ADICET BIO INC., US
[85] 2017-12-04
[86] 2016-06-08 (PCT/IL2016/050600)
[87] (WO2016/199141)
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[30] US (62/172,264) 2015-06-08

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[51] **Int.Cl. C12M 3/00 (2006.01) C12N 5/07 (2010.01) C12N 5/078 (2010.01) A61K 35/51 (2015.01) A01N 1/02 (2006.01) A61J 1/10 (2006.01) A61K 35/14 (2015.01) A61M 1/02 (2006.01) B65D 75/58 (2006.01) C12M 1/24 (2006.01) C12M 1/26 (2006.01) C12N 9/74 (2006.01)**
[25] EN
[54] **SYSTEM OF MULTIPLE BAGS AND METHOD FOR THE PREPARATION OF HEMOCOMPONENTS**
[54] **SYSTEMES DE MULTIPLES SACS ET PROCEDE POUR LA PREPARATION D'HEMOCOMPOSANTS**
[72] MAZZARO, GIOVANNI, IT
[72] REBULLA, PAOLO, IT
[72] PARATI, EUGENIO, IT
[71] FONDAZIONE IRCCS CA' GRANDA - OSPEDALE MAGGIORE POLICLINICO, IT
[71] EPISKEY S.R.L., IT
[85] 2017-12-04
[86] 2016-06-01 (PCT/IB2016/053229)
[87] (WO2016/193924)
[30] IT (102015000020415) 2015-06-04
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[51] **Int.Cl. C12N 1/21 (2006.01) C12N 15/113 (2010.01) A01N 63/00 (2006.01) A01P 7/04 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **PEST CONTROL SYSTEM**
[54] **SYSTEME DE LUTTE CONTRE LES INSECTES NUISIBLES**
[72] DYSON, PAUL, GB
[72] WHITTEN, MIRANDA, GB
[71] SWANSEA UNIVERSITY, GB
[85] 2017-12-06
[86] 2016-06-08 (PCT/GB2016/051683)
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[51] **Int.Cl. B65B 7/16 (2006.01) A61J 1/06 (2006.01) B29C 49/42 (2006.01) B29C 49/46 (2006.01) B29C 49/48 (2006.01) B65B 39/12 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A FILLED AND CLOSED CONTAINER AND DEVICE FOR CARRYING OUT THE METHOD AND CONTAINER PRODUCED THEREBY**
[54] **PROCEDE DE PRODUCTION D'UN RECIPIENT REMPLI ET FERME AINSI QUE DISPOSITIF UTILISE POUR LA MISE EN OEUVRE DU PROCEDE, ET RECIPIENT PRODUIT SELON LEDIT PROCEDE**
[72] SCHUBERT, OTTO, CH
[72] EGLI, BRUNO, CH
[72] LUSCHER, MARTIN, CH
[72] MUFF, ALEXANDER, CH
[71] KOCHER-PLASTIK MASCHINENBAU GMBH, DE
[85] 2017-12-08
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[25] EN
[54] **CONFIGURABLE HARNESS**
[54] **DISTRIBUTION ELECTRIQUE CONFIGURABLE**
[72] EL HADDAD, ANTHONY, CA
[72] DESY, PHILIPPE, CA
[72] GAUDREAU, JEAN-GUY, CA
[71] BOMBARDIER INC., CA
[85] 2017-12-08
[86] 2016-06-17 (PCT/IB2016/053629)
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[25] EN
[54] **EXHAUST GAS TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE GAZ D'ECHAPPEMENT**
[72] XUE, WEN-MEI, US
[72] HOCHMUTH, JOHN K., US
[71] BASF CORPORATION, US
[85] 2017-12-11
[86] 2016-06-10 (PCT/US2016/036958)
[87] (WO2016/201276)
[30] US (62/174,862) 2015-06-12

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[51] **Int.Cl. B29C 70/66 (2006.01) B29C 70/44 (2006.01) E21B 17/01 (2006.01)**
[25] EN
[54] **BUOYANCY MODULE**
[54] **MODULE DE FLOTTABILITE**
[72] WU, YONG K., US
[72] PAPP, SIEGMUND, US
[72] PETERSON, ANDREW J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-12-11
[86] 2016-06-10 (PCT/US2016/036969)
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[25] EN
[54] **EXHAUST GAS TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE GAZ D'ECHAPPEMENT**
[72] XUE, WEN-MEI, US
[72] HOCHMUTH, JOHN K., US
[71] BASF CORPORATION, US
[85] 2017-12-11
[86] 2016-06-10 (PCT/US2016/036980)
[87] (WO2016/201295)
[30] US (62/174,856) 2015-06-12

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[51] **Int.Cl. G01N 21/552 (2014.01) G01N 29/24 (2006.01)**
[25] EN
[54] **HANDHELD, FIELD PORTABLE, SURFACE PLASMON RESONANCE APPARATUS AND ITS APPLICATIONS IN THE DETECTION OF CHEMICAL AND BIOLOGICAL AGENTS**
[54] **APPAREIL DE RESONANCE PLASMONIQUE DE SURFACE PORTABLE DE CHAMP POUVANT ETRE TENU A LA MAIN, ET SES APPLICATIONS DANS LA DETECTION D'AGENTS CHIMIQUES ET BIOLOGIQUES**
[72] CAPPO, ANTHONY P., US
[72] SARKAR, DIPTABHAS, US
[71] CAPPO, ANTHONY P., US
[85] 2017-12-11
[86] 2016-06-10 (PCT/US2016/036834)
[87] (WO2016/201189)
[30] US (62/175,034) 2015-06-12

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TREATMENT OF CANCER BY COMBINED BLOCKADE OF THE PD-1 AND CXCR4 SIGNALING PATHWAYS**
[54] **TRAITEMENT DU CANCER PAR LE BLOCAGE COMBINE DES VOIES DE SIGNALISATION PD-1 ET CXCR4**
[72] CARDARELLI, JOSEPHINE M., US
[72] CLEMENS, WENDY L., US
[72] KROOG, GLENN S., US
[72] LOPES DE MENEZES, DANIEL E., US
[72] PAN, CHIN, US
[72] PONATH, PAUL D., US
[72] VIALLET, JEAN, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-12-11
[86] 2016-06-13 (PCT/US2016/037207)
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[30] US (62/174,931) 2015-06-12

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[25] EN
[54] **TGR5 MODULATORS AND METHODS OF USE THEREOF**
[54] **MODULATEURS DE TGR5 ET LEURS PROCEDES D'UTILISATION**
[72] PELLICCIARI, ROBERTO, IT
[72] GIOIELLO, ANTIMO, IT
[72] MACCHIARULO, ANTONIO, IT
[72] PERRON-SIERRA, FRANCOISE, FR
[72] SEEDORF, KLAUS, DE
[71] INTERCEPT PHARMACEUTICALS, INC., US
[71] LES LABORATOIRES SERVIER, FR
[85] 2017-12-11
[86] 2016-06-16 (PCT/US2016/037812)
[87] (WO2016/205475)
[30] US (62/182,081) 2015-06-19
[30] EP (15305976.1) 2015-06-24

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[51] **Int.Cl. A61K 6/00 (2006.01) A61K 6/02 (2006.01)**
[25] EN
[54] **STERILIZABLE DENTAL ROOL CANAL FILLING COMPOSITION, POINTS/CONES MADE OF SAME, AND PROCESS OF STERILIZING SAME**
[54] **COMPOSITION DE REMPLISSAGE DE CANAL RADICULAIRE DENTAIRE STERILISABLE, POINTES/CONES FABRIQUES A PARTIR DE CELLE-CI ET PROCEDE DE STERILISATION CORRESPONDANT**
[72] LI, NATHAN Y., US
[71] LI, NATHAN Y., US
[85] 2017-12-11
[86] 2016-07-01 (PCT/US2016/040885)
[87] (WO2017/004605)
[30] US (62/187,751) 2015-07-01
[30] US (62/187,753) 2015-07-01

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[51] **Int.Cl. C07K 14/32 (2006.01) A01N 63/02 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PESTICIDAL GENES AND METHODS OF USE**
[54] **GENES PESTICIDES ET LEURS PROCEDES D'UTILISATION**
[72] PARKS, JESSICA, US
[72] ROBERTS, KIRA BULAZEL, US
[72] THAYER, REBECCA E., US
[71] AGBIOME, INC., US
[85] 2017-12-11
[86] 2016-06-16 (PCT/US2016/037829)
[87] (WO2016/209708)
[30] US (62/182,855) 2015-06-22

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[13] A1
[51] **Int.Cl. G01N 33/08 (2006.01)**
[25] EN
[54] **EGG FLAT IDENTIFICATION SYSTEM, AND ASSOCIATED METHOD**
[54] **SYSTEME D'IDENTIFICATION DE PLAQUE A □UFS, ET PROCEDE ASSOCIE**
[72] SAMSON, WILLIAM DOUGLAS, US
[72] HEBRANK, JOHN HILBERT, US
[71] ZOETIS SERVICES LLC, US
[85] 2017-12-11
[86] 2016-06-29 (PCT/US2016/039966)
[87] (WO2017/011182)
[30] US (62/192,112) 2015-07-14

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[13] A1
[51] **Int.Cl. C12N 5/00 (2006.01)**
[25] EN
[54] **TAURINE SUPPLEMENTED CELL CULTURE MEDIUM AND METHODS OF USE**
[54] **MILIEU DE CULTURE DE CELLULES SUPPLEMENTE EN TAURINE ET PROCEDES D'UTILISATION**
[72] JOHNSON, AMY S., US
[72] CASEY, MEGHAN E., US
[72] OSHODI, SHADIA, US
[72] LAWRENCE, SHAWN, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2017-12-11
[86] 2016-08-03 (PCT/US2016/045403)
[87] (WO2017/024062)
[30] US (62/200,689) 2015-08-04

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[13] A1
[51] **Int.Cl. G01J 3/02 (2006.01) G01J 3/52 (2006.01)**
[25] EN
[54] **COLOR SAMPLE DEVICE FOR PROVIDING COLOR INFORMATION, METHOD FOR ITS PRODUCTION AND DATA PROCESSING APPARATUS FOR READING THE COLOR INFORMATION**
[54] **DISPOSITIF D'ECHANTILLONS DE COULEURS POUR FOURNIR DES INFORMATIONS DE COULEUR, PROCEDE POUR SA PRODUCTION ET APPAREIL DE TRAITEMENT DE DONNEES POUR LIRE LES INFORMATIONS DE COULEUR**
[72] MCCLANAHAN, BRAD, US
[72] HIPPS, CHRIS, US
[71] ARCHROMA IP GMBH, CH
[85] 2017-12-12
[86] 2016-07-20 (PCT/EP2016/001264)
[87] (WO2017/012713)
[30] EP (15002175.6) 2015-07-22
[30] US (62/195,490) 2015-07-22

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[51] **Int.Cl. C07C 257/18 (2006.01) A01N 37/52 (2006.01) C07C 205/38 (2006.01) C07C 217/90 (2006.01)**
[25] EN
[54] **HALOGEN-SUBSTITUTED PHENOXYPHENYLAMIDINES AND THE USE THEREOF AS FUNGICIDES**
[54] **PHENOXYPHENYLAMIDINES A SUBSTITUTION HALOGENE ET UTILISATION DE CELLES-CI EN TANT QUE FONGICIDES**
[72] HILLEBRAND, STEFAN, DE
[72] ES-SAYED, MAZEN, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] BRUNET, STEPHANE, FR
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2017-12-12
[86] 2016-06-13 (PCT/EP2016/063508)
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[30] EP (15172107.3) 2015-06-15

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[51] **Int.Cl. C07C 267/00 (2006.01) C08G 18/02 (2006.01)**
[25] EN
[54] **METHOD FOR THE SYNTHESIS OF POLYMER CARBODIIMIDES WITH ADDED CESIUM SALTS, POLYMER CARBODIIMIDES, USE THEREOF**
[54] **PROCEDE DE FABRICATION DE CARBODIIMIDES POLYMERES AVEC AJOUT DE SELS DE CESIUM, POLYMERES CARBODIIMIDES ET LEUR UTILISATION**
[72] LAUFER, WILHELM, DE
[72] HERD, OLIVER, DE
[72] SPERBER, ROLF, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[85] 2017-12-12
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[30] EP (15172169.3) 2015-06-15

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[51] **Int.Cl. A61K 39/112 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **IMMUNOGENIC COMPOSITIONS**
[54] **COMPOSITIONS IMMUNOGENES**
[72] GERKE, CHRISTIANE, IT
[72] MARTIN, LAURA BARTLE, IT
[72] SAUL, ALLAN JAMES, IT
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2017-12-12
[86] 2016-06-15 (PCT/EP2016/063776)
[87] (WO2016/202872)
[30] EP (15020097.0) 2015-06-16

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[51] **Int.Cl. C07D 277/26 (2006.01) A61K 31/426 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS WITH WORKING MEMORY ENHANCING ACTIVITY**
[54] **COMPOSES HETEROCYCLIQUES A ACTIVITE AMELIORANT LA MEMOIRE DE TRAVAIL**
[72] LEBAN, JOHANN, AT
[72] LUBEC, GERT, AT
[71] RED BULL GMBH, AT
[85] 2017-12-12
[86] 2015-08-13 (PCT/EP2015/068703)
[87] (WO2016/023997)
[30] EP (14180847.7) 2014-08-13
[30] EP (14196657.2) 2014-12-05

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[51] **Int.Cl. A21D 13/00 (2017.01) A23K 10/00 (2016.01) A23L 7/10 (2016.01) A23L 29/30 (2016.01) A21D 2/10 (2006.01) A21D 2/18 (2006.01) A21D 8/02 (2006.01) A21D 10/04 (2006.01)**
[25] EN
[54] **WAFER PRODUCT OR EXPANDED EXTRUDED CEREAL PRODUCT**
[54] **PRODUIT DE TYPE GAUFRETTE OU PRODUIT EXTRUDE EXPANSE A BASE DE CEREALES**
[72] POWELL, HUGH, GB
[72] JARRY, PASCAL, GB
[72] ABU-HARDAN, MADIAN OTHMAN, GB
[71] NESTEC S.A., CH
[85] 2017-12-12
[86] 2016-06-16 (PCT/EP2016/063855)
[87] (WO2016/202913)
[30] EP (15172376.4) 2015-06-16

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/39 (2006.01)**
[25] EN
[54] **VEGFR-2 TARGETING DNA VACCINE FOR COMBINATION THERAPY**
[54] **VACCIN A BASE D'ADN CIBLANT LE VEGFR-2 POUR UNE THERAPIE D'ASSOCIATION**
[72] LUBENAU, HEINZ, DE
[71] VAXIMM AG, CH
[85] 2017-12-12
[86] 2016-06-16 (PCT/EP2016/001004)
[87] (WO2016/202459)
[30] EP (15001803.4) 2015-06-18

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[51] **Int.Cl. C07C 51/41 (2006.01) C07C 53/122 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING CALCIUM DIPROPIONATE**
[54] **PROCEDE DE PREPARATION DE DIPROPIONATE DE CALCIUM**
[72] EDERLE-LERCH, KLAUS, DE
[72] KILLIAN, NORMAN, DE
[72] KOCHANNEK, BERND, DE
[72] STUWE, HANS-JURGEN, DE
[71] ADDCON EUROPE GMBH, DE
[85] 2017-12-12
[86] 2016-07-06 (PCT/EP2016/066019)
[87] (WO2017/009151)
[30] DE (10 2015 212 984.5) 2015-07-10

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[13] A1
[51] **Int.Cl. C07K 1/16 (2006.01)**
[25] EN
[54] **PEPTIDE PURIFICATION USING MIXED-PHASE SOLID PHASE EXTRACTION MATERIAL**
[54] **PURIFICATION DE PEPTIDE A L'AIDE D'UN MATERIAU D'EXTRACTION EN PHASE SOLIDE A PHASE MIXTE**
[72] KULAK, NILS A., DE
[72] PICHLER, GARWIN, DE
[72] MANN, MATTHIAS, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
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[25] EN
[54] **MEASURING INDIVIDUAL DATA OF SPECTACLES**
[54] **MESURE DES DONNEES INDIVIDUELLES D'UNE PAIRE DE LUNETTES**
[72] GLASENAPP, CARSTEN, DE
[72] HORNAUER, MATTHIAS, DE
[71] CARL ZEISS AG, DE
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[85] 2017-12-12
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[30] DE (10 2015 211 879.7) 2015-06-25

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[51] **Int.Cl. B65D 5/66 (2006.01) B65D 55/02 (2006.01)**
[25] EN
[54] **CHILD-PROOF CONTAINER AND PROCESS FOR MAKING THE SAME**
[54] **CONTENANT A L'EPREUVE DES ENFANTS ET SON PROCEDE DE FABRICATION**
[72] BRESSAN, MICHEL, IT
[72] GANDOLLA, ALBERTO, IT
[71] I.G.B. S.R.L., IT
[85] 2017-12-12
[86] 2016-05-20 (PCT/IB2016/052967)
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[51] **Int.Cl. B29C 49/56 (2006.01) B29C 49/06 (2006.01)**
[25] EN
[54] **A BLOWING MOLD FOR BLOWING THERMOPLASTIC MATERIAL CONTAINERS**
[54] **MOULE DE SOUFFLAGE POUR LE SOUFFLAGE DE RECIPIENTS EN MATIERE THERMOPLASTIQUE**
[72] CAVALLINI, FRANCO, IT
[72] ZOPPAS, MATTEO, IT
[71] S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A., IT
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[86] 2016-06-14 (PCT/IB2016/053500)
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[51] **Int.Cl. D21F 11/00 (2006.01)**
[25] EN
[54] **SEAMLESS UNITARY DEFLECTION MEMBER FOR MAKING FIBROUS STRUCTURES HAVING INCREASED SURFACE AREA**
[54] **ELEMENT DE DEVIATION MONOBLOC SANS COUTURE POUR FABRIQUER DES STRUCTURES FIBREUSES AYANT UNE SURFACE ACCRUE**
[72] MANIFOLD, JOHN ALLEN, US
[72] BRENT, JOHN LESLIE, JR., US
[72] SINGER, JAMES MICHAEL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-12-12
[86] 2016-06-13 (PCT/US2016/037150)
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[54] **CONTROL ROD POSITION INDICATOR**
[54] **INDICATEUR DE POSITION DE BARRE DE COMMANDE**
[72] BUTCHART, PAUL, US
[71] NUSCALE POWER, LLC, US
[85] 2017-12-12
[86] 2016-03-09 (PCT/US2016/021595)
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[25] EN
[54] **TREATMENT OF NUT MIDLINE CARCINOMA**
[54] **TRAITEMENT DE CARCINOME DE LA LIGNE MEDIANE NUT**
[72] LANDAU, STEVEN B., US
[72] KAGEY, MICHAEL H., US
[71] TENSHA THERAPEUTICS, INC., US
[85] 2017-12-12
[86] 2016-06-24 (PCT/US2016/039270)
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[25] EN
[54] **POLYPEPTIDES HAVING PULLULANASE ACTIVITY SUITABLE FOR USE IN LIQUEFACTION**
[54] **POLYPEPTIDES PRESENTANT UNE ACTIVITE DE PULLULANASE APPROPRIEE POUR UNE UTILISATION DANS LA LIQUEFACTION**
[72] CLARK, SUZANNE, US
[72] MATSUI, TOMOKO, JP
[72] TOMIKI, AKI, JP
[71] NOVOZYMES A/S, DK
[85] 2017-12-12
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[25] EN
[54] **WATER DISINTEGRABLE FLUSHABLE CATHETER**
[54] **CATHETER POUVANT SE DESINTEGRER DANS L'EAU, JETABLE DANS LES TOILETTES**
[72] FARRELL, DAVID J., IE
[72] CLARKE, JOHN T., IE
[71] HOLLISTER INCORPORATED, US
[85] 2017-12-12
[86] 2016-06-07 (PCT/US2016/036223)
[87] (WO2016/205018)
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[25] EN
[54] **TREPROSTINIL DERIVATIVES AND COMPOSITIONS AND USES THEREOF**
[54] **DERIVES DE TREPROSTINIL ET COMPOSITIONS ET UTILISATIONS ASSOCIEES**
[72] ZHANG, XIAOMING, US
[72] VENKATRAMAN, MEENAKSHI S., US
[72] BECKER, CYRUS K., US
[71] CORSAIR PHARMA, INC., US
[85] 2017-12-12
[86] 2016-06-14 (PCT/US2016/037383)
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[30] US (14/742,544) 2015-06-17
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-CD123 ANTIBODIES AND CONJUGATES AND DERIVATIVES THEREOF**
[54] **ANTICORPS ANTI-CD 123 ET CONJUGUES ET DERIVES CORRESPONDANTS**
[72] KOVTUN, YELENA, US
[72] TAVARES, DANIEL, US
[72] RUI, LINGYUN, US
[72] CHITTENDEN, THOMAS, US
[71] IMMUNOGEN, INC., US
[85] 2017-12-12
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[51] **Int.Cl. A01H 5/00 (2018.01) A23L 7/10 (2016.01) C12N 9/02 (2006.01)**
[25] EN
[54] **WHEAT WITH REDUCED LIPOXYGENASE ACTIVITY**
[54] **BLE A ACTIVITE DE LIPOXYGENASE REDUITE**
[72] SLADE, ANN, US
[72] NOVAL, MICHELLE, US
[72] LOEFFER, DAYNA, US
[72] MULLENBERG, JESSICA, US
[72] HOLM, AARON, US
[71] ARCADIA BIOSCIENCES, INC., US
[85] 2017-12-12
[86] 2016-06-17 (PCT/US2016/038071)
[87] (WO2016/205644)
[30] US (62/182,299) 2015-06-19

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[51] **Int.Cl. A61L 29/14 (2006.01) A61L 29/04 (2006.01) A61L 29/08 (2006.01)**
[25] EN
[54] **SELECTIVELY WATER DISINTEGRABLE MATERIALS AND CATHETERS MADE OF SUCH MATERIALS**
[54] **MATERIAUX SELECTIVEMENT DESINTEGRABLES DANS L'EAU ET CATHETERS FABRIQUES AVEC DE TELS MATERIAUX**
[72] CLARKE, JOHN T., IE
[72] MONTES DE OCA BALDERAS, HORACIO, IE
[71] HOLLISTER INCORPORATED, US
[85] 2017-12-12
[86] 2016-06-15 (PCT/US2016/037650)
[87] (WO2016/205383)
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[51] **Int.Cl. C12P 19/04 (2006.01) C12N 9/10 (2006.01) C12P 19/18 (2006.01)**
[25] EN
[54] **GLUCOSYLTRANSFERASE AMINO ACID SEQUENCE MOTIFS FOR PRODUCING LINEAR POLY ALPHA-1,3-GLUCAN**
[54] **MOTIFS DE SEQUENCES D'ACIDES AMINES DE GLUCOSYLTRANSFERASE POUR LA PRODUCTION DE POLY ALPHA-1,3-GLUCANE LINEAIRE**
[72] PAYNE, MARK S., US
[72] BRUN, YEFIM, US
[72] BOTT, RICHARD R., US
[71] E I DU PONT DE NEMOURS AND COMPANY, US
[85] 2017-12-12
[86] 2016-06-15 (PCT/US2016/037673)
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[25] EN
[54] **IMPROVED X-RAY DIFFRACTOMETER**
[54] **DIFFRACTOMETRE A RAYONS X AMELIORE**
[72] KINNEGING, ALBERTUS JACOBUS, NL
[72] HUBER, NORMAN KARL, DE
[72] VERBRUGGEN, RAYMOND WILHELMUS HERMAN JOHANNES, NL
[71] XPLOREX GMBH, DE
[85] 2017-12-13
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[87] (WO2017/001165)
[30] NL (2015060) 2015-06-30
[30] NL (2016409) 2016-03-10

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[25] EN
[54] **INJECTABLE PHARMACEUTICAL FORMULATIONS OF LEFAMULIN**
[54] **FORMULATIONS PHARMACEUTIQUES INJECTABLES DE LEFAMULINE**
[72] FERENCIC, MATHIAS, AT
[72] HEILMAYER, WERNER, AT
[72] HINSMANN, PETER, AT
[72] WICHA, WOLFGANG, AT
[71] NABRIVA THERAPEUTICS GMBH, AT
[85] 2017-12-13
[86] 2016-06-14 (PCT/EP2016/063609)
[87] (WO2016/202788)
[30] US (62/180,871) 2015-06-17

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[51] **Int.Cl. C07K 14/82 (2006.01) A61K 39/00 (2006.01) C07K 14/725 (2006.01)**
[25] EN
[54] **MUTATED FRAGMENTS OF THE RAS PROTEIN**
[54] **FRAGMENTS MUTES DE LA PROTEINE RAS**
[72] ERIKSEN, JON AMUND, NO
[71] TARGOVAX ASA, NO
[85] 2017-12-13
[86] 2016-06-16 (PCT/EP2016/063920)
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[25] FR
[54] **DISINFECTING AQUEOUS FOAM, PROCESS FOR PREPARING SAME AND USE THEREOF**
[54] **MOUSSE AQUEUSE DESINFECTANTE, SON PROCEDE DE PREPARATION ET SES UTILISATIONS**
[72] FAURE, SYLVAIN, FR
[72] LE TOQUIN, ESTHER, FR
[72] GAS, FABIENNE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2017-12-13
[86] 2016-06-15 (PCT/EP2016/063790)
[87] (WO2016/202879)
[30] FR (1555501) 2015-06-16

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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/12 (2006.01) A61P 31/14 (2006.01) C07K 16/10 (2006.01)**
[25] EN
[54] **IMMUNOGLOBULIN SINGLE VARIABLE DOMAIN ANTIBODY AGAINST RSV PREFUSION F PROTEIN**
[54] **ANTICORPS A DOMAINE VARIABLE UNIQUE D'IMMUNOGLOBULINE CONTRE LA PROTEINE F DE PRE-FUSION DE RSV**
[72] SAELENS, XAVIER, BE
[72] SCHEPENS, BERT, BE
[72] ROSSEY, IEBE, BE
[72] GRAHAM, BARNEY, US
[72] MCLELLAN, JASON, US
[72] GILMAN, MORGAN, US
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[71] THE UNITED STATES OF AMERICA, US
[71] TRUSTEES OF DARMOUTH COLLEGE, US
[85] 2017-12-13
[86] 2016-06-20 (PCT/EP2016/064218)
[87] (WO2016/203052)
[30] US (62/181,522) 2015-06-18
[30] EP (15178653.0) 2015-07-28
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[51] **Int.Cl. B65D 65/22 (2006.01) B65D 85/671 (2006.01)**
[25] EN
[54] **PROTECTIVE WRAPPING FOR A CYLINDRICAL OBJECT**
[54] **ENVELOPPEMENT PROTECTEUR POUR UN OBJET CYLINDRIQUE**
[72] LINDBERG, ANDREAS, SE
[72] LARSSON, ANDERS, SE
[71] TRIOPLAST AB, SE
[85] 2017-12-13
[86] 2016-06-20 (PCT/EP2016/064231)
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[30] EP (15174050.3) 2015-06-26

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **PROBES AND A METHYLATION IN SITU HYBRIDIZATION ASSAY**
[54] **SONDES ET DETERMINATION IN SITU DE L'ETAT DE METHYLATION PAR DES TECHNIQUES D'HYBRIDATION**
[72] LIEVELD, MARUSYA, BE
[72] VAN CRIEKINGE, WIM, BE
[72] VANDEN BROECK, DAVY, BE
[71] UNIVERSITEIT GENT, BE
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[51] **Int.Cl. C07K 14/415 (2006.01) A01N 63/02 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE CONTROL OF RUST FUNGI BY INHIBITING EXPRESSION OF THE HXT1 GENE**
[54] **PROCEDES ET COMPOSITIONS UTILISABLES EN VUE DE LA LUTTE CONTRE LES CHAMPIGNONS DE LA ROUILLE PAR INHIBITION DE L'EXPRESSION DU GENE HXT1**
[72] GAUTIER, PIERRICK, FR
[72] LINK, TOBIAS, DE
[72] MUELLER, MANUEL, DE
[72] PEYRARD, STEPHANE, FR
[72] VOEGELE, RALF, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[71] UNIVERSITY OF HOHENHEIM, DE
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[86] 2016-07-21 (PCT/EP2016/067363)
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[25] EN
[54] **REPAIR INCLUDING A CHAMFERED BRACKET AND A CHAMFERED BRACKET COMPONENT FOR REINFORCING A DAMAGED STRUCTURAL ELEMENT MADE FROM COMPOSITE MATERIALS**
[54] **REPARATION INCLUANT UN SUPPORT CHANFREINE ET UNE PARTIE DE SUPPORT CHANFREINE POUR RENFORCER UN ELEMENT STRUCTURAL ENDOMMAGE FABRIQUE A PARTIR DE MATERIAUX COMPOSITES**
[72] CORBETT, DAVID, GB
[71] SHORT BROTHERS PLC, GB
[85] 2017-12-13
[86] 2016-06-17 (PCT/GB2016/051814)
[87] (WO2017/001821)
[30] GB (1511402.8) 2015-06-30

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[51] **Int.Cl. B29C 64/307 (2017.01)**
[25] EN
[54] **METHOD FOR THE VALIDATION OF CONSUMABLE ELEMENTS SUITED TO BE INSTALLED ON A STEREOLITHOGRAPHY MACHINE AND METHOD FOR ENABLING SAID STEREOLITHOGRAPHY MACHINE TO CARRY OUT THE PRINTING PROCESS**
[54] **PROCEDE POUR LA VALIDATION D'ELEMENTS CONSOMMABLES ADAPTES POUR ETRE INSTALLE SUR UNE MACHINE DE STEREOLITHOGRAPHIE ET PROCEDE POUR PERMETTRE A LADITE MACHINE DE STEREOLITHOGRAPHIE DE CONDUIRE LE PROCESSUS D'IMPRESSION**
[72] COSTABEBER, ETTORE MAURIZIO, IT
[71] DWS S.R.L., IT
[85] 2017-12-13
[86] 2016-06-20 (PCT/IB2016/053659)
[87] (WO2016/207777)
[30] IT (102015000027640) 2015-06-25

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[13] A1
[51] **Int.Cl. H04W 4/00 (2018.01)**
[25] EN
[54] **BLUETOOTH LOW ENERGY COMBINED LISTEN AND SCAN WINDOW**
[54] **FENETRE COMBINEE D'ECOUTE ET DE BALAYAGE BLUETOOTH A FAIBLE ENERGIE**
[72] DENBOER, HUIBERT, US
[72] REDDING, BRIAN ARNOLD, US
[72] LINSKY, JOEL BENJAMIN, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-12-13
[86] 2016-05-26 (PCT/US2016/034384)
[87] (WO2017/019166)
[30] US (14/809,249) 2015-07-26

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[51] **Int.Cl. H01L 31/05 (2014.01) H02M 7/49 (2007.01) H02M 7/493 (2007.01) H02S 40/32 (2014.01) H02S 40/34 (2014.01) H02J 3/38 (2006.01)**
[25] EN
[54] **INTER COUPLING OF MICROINVERTERS**
[54] **COUPLAGE MUTUEL DE MICRO-ONDULEURS**
[72] DENT, PAUL WILKINSON, US
[71] KOOLBRIDGE SOLAR, INC., US
[85] 2017-12-13
[86] 2016-03-02 (PCT/US2016/020406)
[87] (WO2016/204830)
[30] US (14/740,972) 2015-06-16

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[51] **Int.Cl. H04W 8/20 (2009.01)**
[25] EN
[54] **IMPROVEMENTS OF SUBSCRIBER IDENTITY MODULE (SIM) ACCESS PROFILE (SAP)**
[54] **AMELIORATIONS DE PROFIL D'ACCES (SAP) DE MODULE D'IDENTITE D'ABONNE (SIM)**
[72] BERIONNE, MICHELE, US
[72] SHANKAR, VIVEK, US
[72] SEKURU, KARTHIK, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-12-13
[86] 2016-05-27 (PCT/US2016/034585)
[87] (WO2017/019169)
[30] US (14/813,891) 2015-07-30

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[51] **Int.Cl. C07C 31/42 (2006.01) A61K 31/047 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NEW CRYSTALLINE POLYMORPHS OF 1,6-DIBROMO-1,6-DIDEOXY-DULCITOL**
[54] **NOUVELLES FORMES POLYMORPHES CRISTALLINES DU 1,6-DIBROMO-1,6-DIDESOXY-DULCITOL**
[72] GIAFFREDA, STEFANO LUCA, IT
[72] DICHIARANTE, ELENA, IT
[71] TARGENT, LLC, US
[85] 2017-12-13
[86] 2016-06-15 (PCT/US2016/037531)
[87] (WO2016/205299)
[30] US (62/180,256) 2015-06-16
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[51] **Int.Cl. H01J 29/48 (2006.01) H01J 1/304 (2006.01) B82Y 10/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING TUNABLE ELECTROMAGNETIC WAVES USING CARBON NANOTUBE-BASED FIELD EMITTERS**
[54] **SYSTEMES ET PROCEDES POUR GENERER DES ONDES ELECTROMAGNETIQUES ACCORDABLES A L'AIDE D'EMETTEURS A EFFET DE CHAMP A BASE DE NANOTUBES DE CARBONE**
[72] MANOHARA, HARISH, US
[72] TODA, RISAKU, US
[72] MOJARRADI, MOHAMMAD M., US
[72] DEL CASTILLO, LINDA Y., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2017-12-13
[86] 2016-06-20 (PCT/US2016/038431)
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[30] US (62/181,894) 2015-06-19

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[51] **Int.Cl. C11B 9/00 (2006.01)**
[25] EN
[54] **PERFUME COMPOSITIONS**
[54] **COMPOSITIONS PARFUMANTES**
[72] TRUJILLO, RAFAEL, US
[72] SMETS, JOHAN, BE
[72] PINTENS, AN, BE
[72] JUKES, AMANDA KISER, GB
[72] CAHEN, CHRISTINE MARIE, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-12-13
[86] 2016-06-22 (PCT/US2016/038617)
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[30] US (62/182,693) 2015-06-22

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[51] **Int.Cl. A61F 13/15 (2006.01) B65G 29/02 (2006.01) B65G 47/248 (2006.01) B65G 47/74 (2006.01) B65G 47/82 (2006.01) B65H 39/14 (2006.01) B65H 39/16 (2006.01)**
[25] EN
[54] **METHODS FOR TRANSFERRING DISCRETE ARTICLES**
[54] **PROCEDES DE TRANSFERT D'ARTICLES DISTINCTS**
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[72] PAPSDORF, CLIFFORD THEODORE, US
[72] FINDLEY, DANIEL PATRICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
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[54] **VALVULES CARDIAQUES HYBRIDES ADAPTEES A DILATATION POST-IMPLANTATION**
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[72] ZENG, QINGGANG, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[51] **Int.Cl. G01N 15/08 (2006.01) G01N 7/04 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **METHODS FOR ANALYZING NATURAL GAS FLOW IN SUBTERRANEAN RESERVOIRS**
[54] **PROCEDES PERMETTANT D'ANALYSER UN ECOULEMENT DE GAZ NATUREL DANS DES RESERVOIRS SOUTERRAINS**
[72] LIU, HUI-HAI, US
[72] LAI, BITAO, US
[72] CHEN, JINHONG, US
[72] GEORGI, DANIEL T., US
[71] SAUDI ARABIAN OIL COMPANY, SA
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[25] EN
[54] **ODOR FREE VOLATILE FATTY ACIDS AS AN ENERGY SOURCE FOR RUMINANTS, SWINE AND POULTRY**
[54] **ACIDES GRAS VOLATILS INODORES COMME SOURCE D'ENERGIE POUR RUMINANTS, PORCS ET VOLAILLE**
[72] STARK, PETER A., US
[72] KENDING, CORY SHAWN, US
[72] SOCHA, MICHAEL THOMAS, US
[71] ZINPRO CORPORATION, US
[85] 2017-12-13
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[25] EN
[54] **SPECIFIC PHOTOIMMUNO-THERANOSTICS FOR DETECTION AND ELIMINATION OF SKIN CANCER CELLS**
[54] **PHOTO-IMMUNO-THERANOSTIQUE SPECIFIQUE POUR LA DETECTION ET L'ELIMINATION DE CELLULES DE CANCER DE LA PEAU**
[72] BARTH, STEFAN, ZA
[72] AHMAD FAWZI, HUSSAIN, DE
[72] FISCHER, RAINER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **3-AMINO-1,5,6,7-TETRAHYDRO-4H-INDOL-4-ONES**
[54] **3-AMINO-1,5,6,7-TETRAHYDRO-4H-INDOL-4-ONES**
[72] GRAHAM, KEITH, DE
[72] KLAR, ULRICH, DE
[72] BRIEM, HANS, DE
[72] SIEMEISTER, GERHARD, DE
[72] MONNING, URSULA, DE
[72] BALINT, JOZSEF, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[54] **IDENTIFICATION OF TRANSCRIPTION FACTORS THAT IMPROVE NITROGEN AND SULPHUR USE EFFICIENCY IN PLANTS**
[54] **IDENTIFICATION DE FACTEURS DE TRANSCRIPTION QUI AMELIORENT L'EFFICACITE D'UTILISATION DE L'AZOTE ET DU SOUFRE CHEZ LES PLANTES**
[72] GOMEZ-PAEZ, MARCELA, ES
[72] VICENTE-CARBAJOSA, JESUS, ES
[72] MEDINA, JOAQUIN, ES
[72] LAFARGE, STEPHANE, FR
[71] BIOGEMMA, FR
[71] UNIVERSIDAD POLITECNICA DE MADRID, ES
[71] INSTITUTO NACIONAL DE INVESTIGACION Y TECNOLOGIA AGRARIA Y ALIMENTARIA, ES
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[86] 2016-06-15 (PCT/EP2016/063735)
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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **KIT AND METHOD FOR THE DIAGNOSIS/PROGNOSIS OF IDIOPATHIC SCOLIOSIS**
[54] **KIT ET METHODES DE DIAGNOSTIC/PRONOSTIC DE LA SCOLIOSE IDIOPATHIQUE**
[72] GARCIA GIMENEZ, JOSE LUIS, ES
[72] BAS HERMIDA, TERESA, ES
[72] PALLARDO CALATAYUD, FEDERICO VICENTE, ES
[72] HERVAS MARIN, DAVID, ES
[72] MENA MOLLA, SALVADOR, ES
[71] CENTRO DE INVESTIGACION BIOMEDICA EN RED (CIBER), ES
[71] HOSPITAL UNIVERSITARIO Y POLITECNICO LA FE., ES
[71] UNIVERSITAT DE VALENCIA, ES
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[51] **Int.Cl. C07K 14/47 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AND METHODS FOR GENERATING SCAFFOLDS FOR THE USE AGAINST PANCREATIC CANCER AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET NOUVELLE COMBINAISON DE PEPTIDES A UTILISER EN IMMUNOTHERAPIE, ET PROCEDES POUR GENERER DES ECHAFAUDAGES A UTILISER CONTRE LE CANCER DU PANCREAS ET D'AUTRES CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[25] FR
[54] **NOX SENSOR WITH CATALYTIC FILTER AND POLARISATION**
[54] **CAPTEUR NOX A FILTRE CATALYTIQUE ET POLARISATION**
[72] VIRICELLE, JEAN-PAUL, FR
[72] VERNOUX, PHILIPPE, FR
[72] PIJOLAT, CHRISTOPHE, FR
[72] BREUIL, PHILIPPE, FR
[71] ARMINES - ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DES METHODES ET PROCESSUS INDUSTRIELS, FR
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[25] EN
[54] **VARIANTS OF CHYMOSIN WITH IMPROVED PROPERTIES**
[54] **VARIANTS DE LA CHYMOSINE PRESENTANT DES PROPRIETES AMELIOREES**
[72] JAECKEL, CHRISTIAN, DK
[72] LUND, MARTIN, DK
[72] HANSEN, ENIKO FODOR, DK
[72] RIISBERG, LONE, DK
[72] JEPPESEN, IBEN, DK
[72] VAN DEN BRINK, JOHANNES MAARTEN, DK
[71] CHR. HANSEN A/S, DK
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[51] **Int.Cl. C12N 5/0786 (2010.01) A61K 35/15 (2015.01) A61K 38/42 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **CELLULAR TARGETED LABEL DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'ETIQUETTES CIBLEE CELLULAIRE**
[72] KROL, MAGDALENA, PL
[72] BENNI, IRENE, IT
[72] BAIOCCO, PAOLA, IT
[72] RYGIEL, TOMASZ, PL
[72] BOFFI, ALBERTO, IT
[71] CELLIS SP. Z O.O. [LTD.], PL
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[54] **CELLULAR TARGETED ACTIVE INGREDIENT DELIVERY SYSTEM**
[54] **SYSTEME CELLULAIRE D'ADMINISTRATION CIBLEE DE PRINCIPE ACTIF**
[72] KROL, MAGDALENA, PL
[72] BENNI, IRENE, IT
[72] BAIOCCO, PAOLA, IT
[72] RYGIEL, TOMASZ, PL
[72] BOFFI, ALBERTO, IT
[71] CELLIS SP. Z O.O. [LTD.], PL
[85] 2017-12-14
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[25] EN
[54] **POLYCYCLIC AMIDE DERIVATIVES AS CDK9 INHIBITORS**
[54] **DERIVES D'AMIDES POLYCYCLIQUES COMME INHIBITEURS DE LA CDK9**
[72] PIKE, KURT GORDON, GB
[72] BARLAAM, BERNARD CHRISTOPHE, GB
[72] HAWKINS, JANET, GB
[72] DE SAVI, CHRISTOPHER, US
[72] VASBINDER, MELISSA MARIE, US
[72] HIRD, ALEXANDER, US
[72] LAMB, MICHELLE, US
[71] ASTRAZENECA AB, SE
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[51] **Int.Cl. C07C 29/132 (2006.01) C07C 31/20 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF GLYCOLS**
[54] **PROCEDE DE PREPARATION DE GLYCOLS**
[72] VAN DER HEIDE, EVERT, NL
[71] SHELL INTERNATIONALE RESEARCH MAATCSHAPPIJ B.V., NL
[85] 2017-12-14
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[87] (WO2017/001382)
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[51] **Int.Cl. A61K 51/04 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DETECTION AND TREATMENT OF RENAL CELL CARCINOMA WITH A SLC6A3 LIGAND LINKED TO A LABEL, CYTOTOXIC OR IMMUNOMODULATORY GROUP**
[54] **DETECTION ET TRAITEMENT DU CANCER A CELLULES RENALES AVEC UN LIGAND SLC6A3 LIE A UN GROUPE MARQUEUR, CYTOTOXIQUE OU IMMUNOMODULATEUR**
[72] AXELSON, HAKAN, SE
[72] HANSSON, JENNIFER, SE
[72] LINDGREN, DAVID, SE
[72] GUSTAVSSON, LENA, SE
[72] JOHANSSON, ELINN, SE
[71] AKURU PHARMA AB, SE
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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/50 (2006.01)**
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[54] **FORMULATION COMPRISING PARTICLES AND A LIPASE INHIBITOR**
[54] **FORMULATION COMPRENANT DES PARTICULES ET UN INHIBITEUR DE LIPASE**
[72] VETTER, DIRK, DE
[71] PERORA GMBH, DE
[85] 2017-12-14
[86] 2016-07-07 (PCT/EP2016/066216)
[87] (WO2017/005888)
[30] EP (15175571.7) 2015-07-07
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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/20 (2006.01) A61K 9/50 (2006.01)**
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[54] **EDIBLE PARTICLES COMPRISING A POLYSACCHARIDE AND A LIPID**
[54] **PARTICULES COMESTIBLES COMPRENANT UN POLYSACCHARIDE ET UN LIPIDE**
[72] VETTER, DIRK, DE
[71] PERORA GMBH, DE
[85] 2017-12-14
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[87] (WO2017/005889)
[30] EP (15175571.7) 2015-07-07
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[25] EN
[54] **MICRO-NOZZLE ASSEMBLY WITH FILTER**
[54] **ENSEMBLE DE MICRO-BUSES AVEC FILTRE**
[72] STRANGE, DANIEL, GB
[72] SELBY, ROBERT, GB
[72] GUION, ROMAIN, GB
[72] RICHARDSON, WILLIAM, GB
[72] BAKER, LAWRENCE, GB
[71] THE TECHNOLOGY PARTNERSHIP PLC, GB
[85] 2017-12-14
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[30] GB (1510445.8) 2015-06-15
[30] GB (1510448.2) 2015-06-15

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[13] A1
[51] **Int.Cl. C05C 9/00 (2006.01) A23K 20/20 (2016.01)**
[25] EN
[54] **METHOD FOR THE MANUFACTURE OF A UREA-BASED PARTICULATE MATERIAL CONTAINING ELEMENTAL SULPHUR**
[54] **PROCEDE DE FABRICATION DE MATERIAU PARTICULAIRE A BASE D'UREE CONTENANT DU SOUFRE ELEMENTAIRE**
[72] LEDOUX, FRANCOIS, FR
[72] COLPAERT, FILIP, BE
[71] YARA INTERNATIONAL ASA, NO
[85] 2017-12-14
[86] 2016-07-04 (PCT/EP2016/065713)
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[51] **Int.Cl. G01J 5/08 (2006.01)**
[25] EN
[54] **FILTER AND METHOD AND DISTRIBUTED TEMPERATURE SENSOR SYSTEM**
[54] **FILTRE ET PROCEDE ET SYSTEME DE CAPTEUR DE TEMPERATURE DISTRIBUE**
[72] JOHNSTON, WILLIAM ALBERT, US
[72] MITCHELL, IAN, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-12-14
[86] 2016-05-13 (PCT/US2016/032450)
[87] (WO2016/204898)
[30] US (62/180,697) 2015-06-17

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[51] **Int.Cl. H05H 6/00 (2006.01) G21G 1/10 (2006.01)**
[25] EN
[54] **TARGET ASSEMBLY AND ISOTOPE PRODUCTION SYSTEM HAVING A VIBRATING DEVICE**
[54] **ENSEMBLE CIBLE ET SYSTEME DE PRODUCTION D'ISOTOPE COMPORTANT UN DISPOSITIF VIBRANT**
[72] ERIKSSON, TOMAS, SE
[72] HOLMGREN, BERT, SE
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-12-14
[86] 2016-05-10 (PCT/US2016/031610)
[87] (WO2017/003560)
[30] US (14/755,007) 2015-06-30

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[51] **Int.Cl. B65D 19/26 (2006.01) B65D 19/38 (2006.01) C04B 16/12 (2006.01) C04B 38/00 (2006.01)**
[25] EN
[54] **COMPOSITE CONCRETE PALLET**
[54] **PALETTE EN BETON COMPOSITE**
[72] BASTIAN, WILLIAM A., II, US
[72] CLARK, GARRETT, US
[71] BASTIAN SOLUTIONS, LLC, US
[85] 2017-12-14
[86] 2016-05-06 (PCT/US2016/031178)
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[25] EN
[54] **HALOGENATED INDOLE AND BENZOFURAN DERIVATIVES OF ISOQUINUCLIDENE AND PROCESSES FOR PREPARING THEM**
[54] **DERIVES D'INDOLE ET DE BENZOFURANE HALOGENES D'ISOQUINUCLIDENE ET PROCEDES POUR LEUR PREPARATION.**
[72] MORIARTY, ROBERT M., US
[72] KINCH, MARK, US
[71] DEMERX, INC., US
[85] 2017-12-14
[86] 2015-06-16 (PCT/US2015/036045)
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[30] US (62/013,771) 2014-06-18

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[25] EN
[54] **COMPACT ULTRA-SHORT PULSED LASER EYE SURGERY WORKSTATION**
[54] **POSTE DE TRAVAIL COMPACT DE CHIRURGIE OCULAIRE AU LASER A IMPULSIONS ULTRA-COURTES**
[72] FU, HONG, US
[72] MOORE, BRYANT M., US
[72] VICE, CHARLES, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2017-12-14
[86] 2015-12-16 (PCT/US2015/065989)
[87] (WO2016/209312)
[30] US (62/183,637) 2015-06-23

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[13] A1
[51] **Int.Cl. G01T 1/18 (2006.01) G01T 7/12 (2006.01)**
[25] EN
[54] **A METHOD, SYSTEM AND APPARATUS FOR PROVIDING AN ELECTRONIC SIGNAL FOR THE SURVEILLANCE AND TESTING OF GEIGER-MULLER RADIATION SENSORS**
[54] **PROCEDE, SYSTEME ET APPAREIL PERMETTANT DE FOURNIR UN SIGNAL ELECTRONIQUE POUR LA SURVEILLANCE ET L'ESSAI DE CAPTEURS DE RAYONNEMENT GEIGER-MULLER**
[72] DROBA, GREGORY S., US
[72] MEEK, OSCAR L., US
[71] GE-HITACHI NUCLEAR ENERGY AMERICAS LLC, US
[85] 2017-12-14
[86] 2016-05-25 (PCT/US2016/034114)
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[30] US (14/750,169) 2015-06-25

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[51] **Int.Cl C12N 15/10 (2006.01) B01L 3/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **INTEGRATED PURIFICATION AND MEASUREMENT OF DNA METHYLATION AND CO-MEASUREMENT OF MUTATIONS AND/OR MRNA EXPRESSION LEVELS IN AN AUTOMATED REACTION CARTRIDGE**
[54] **PURIFICATION ET MESURE DE LA METHYLATION DE L'ADN INTEGREES ET CO-MESURE DES MUTATIONS ET/OU DES NIVEAUX D'EXPRESSION DE L'ARNM DANS UNE CARTOUCHE DE REACTION AUTOMATISEE**
[72] LAI, EDWIN W., US
[72] KOHLWAY, ANDREW, US
[72] VANATTA, REUEL, US
[72] HIGUCHI, RUSSELL, US
[72] GALL, ALEXANDER, US
[72] KOCMOND, KRISZTEN, US
[71] CEPHEID, US
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[30] US (62/175,916) 2015-06-15

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[51] **Int.Cl. C10L 5/44 (2006.01) B02C 18/00 (2006.01) B07C 5/04 (2006.01) C10L 5/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR USE IN PROCESSING OF FOREST RESIDUE**
[54] **SYSTEMES ET PROCEDES POUR UTILISATION DANS LE TRAITEMENT DE RESIDUS FORESTIERS**
[72] LAITT, ANDREW, US
[71] BIOFUELS TECHNOLOGY LLC, US
[85] 2017-12-14
[86] 2016-06-15 (PCT/US2016/037606)
[87] (WO2016/205355)
[30] US (62/175,786) 2015-06-15
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[25] EN
[54] **PD-L1 ANTAGONIST COMBINATION TREATMENTS**
[54] **POLYTHERAPIES FAISANT INTERVENIR UN ANTAGONISTE DE PD-L1**
[72] ANDREWS, GLEN IAN, US
[72] CHEN, SHIHAO, US
[72] DI PIETRO, ALESSANDRA, IT
[72] FONTANA, DAVID, US
[72] GOLDBERG, ZELANNA, US
[72] LIN, CHIA-YANG, US
[72] LONG, HUA, US
[72] MARTIGNONI, MARCELLA, IT
[72] NUYTEN, DIMITRY SERGE ANTOINE, US
[72] THALL, ARON DAVID, US
[72] WOOLFSON, ADRIAN, US
[71] PFIZER, INC., US
[71] MERCK PATENT GMBH, DE
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[86] 2016-06-15 (PCT/US2016/037498)
[87] (WO2016/205277)
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[25] EN
[54] **DEVICE CONTROL IN BACKUP MEDIA-BROADCAST SYSTEM**
[54] **COMMANDE DE DISPOSITIF DANS UN SYSTEME DE DIFFUSION DE CONTENU MULTIMEDIA DE SECOURS**
[72] HUNDEMER, HANK J., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
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[86] 2016-06-16 (PCT/US2016/037780)
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[54] **COMMANDE DE DISPOSITIF DANS UN SYSTEME DE DIFFUSION MULTIMEDIA DE SECOURS**
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[71] TRIBUNE BROADCASTING COMPANY, LLC, US
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[54] **CYS80 CONJUGATED IMMUNOGLOBULINS**
[54] **IMMUNOGLOBULINES CONJUGUEES CYS80**
[72] GRASSO, LUIGI, US
[72] SPIDEL, JARED, US
[72] KLINE, JAMES BRADFORD, US
[72] ALBONE, EARL, US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
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[25] EN
[54] **WHEAT PROTEIN-BASED DOUGH RELAXER COMPOSITIONS AND METHODS OF PRODUCING THE SAME**
[54] **COMPOSITIONS D'AMELIORANT DE PATE A BASE DE PROTEINE DE BLE ET LEURS PROCEDES DE FABRICATION**
[72] MANINGAT, CLODUALDO C., US
[72] BASSI, NEAL D., US
[71] MANILDRA MILLING CORPORATION, US
[85] 2017-12-14
[86] 2016-07-06 (PCT/US2016/041088)
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[54] **THERMAL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION THERMIQUE**
[72] BODLA, KARTHIK KUMAR, US
[72] DE BOCK, HENDRIK PIETER JACOBUS, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **PYRIMIDINE DERIVATIVES AS BTK INHIBITORS AND USES THEREOF**
[54] **DERIVES DE PYRIMIDINE SERVANT D'INHIBITEURS DE LA BTK, ET LEURS UTILISATIONS**
[72] QIU, HUI, US
[72] CALDWELL, RICHARD D., US
[72] LIU-BUJALSKI, LESLEY, US
[71] MERCK PATENT GMBH, DE
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[54] **SEQUENCES PILOTE DANS DES FLUX DE DONNEES**
[72] YANG, LIN, US
[72] TIAN, BIN, US
[72] CHEN, JIALING LI, US
[71] QUALCOMM INCORPORATED, US
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[86] 2016-07-20 (PCT/US2016/043184)
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[54] **PROCEDES D'ECHANGE DE CAPACITE DE CONNEXION**
[72] SANDHU, SHIVRAJ SINGH, US
[72] DAVIDSON, ANDREW MACKINNON, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-12-14
[86] 2016-08-02 (PCT/US2016/045195)
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[25] EN
[54] **BUNDLE SIZE DETERMINATION FOR NARROWBAND COMMUNICATION**
[54] **DETERMINATION DE TAILLE DE FAISCEAU POUR COMMUNICATION A BANDE ETROITE**
[72] RICO ALVARINO, ALBERTO, US
[72] CHEN, WANSHI, US
[72] XU, HAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-12-14
[86] 2016-07-22 (PCT/US2016/043694)
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[54] **FLUID FLOW SYSTEM**
[54] **SYSTEME D'ECOULEMENT DE FLUIDE**
[72] MILLER, CHARLES STANLEY, US
[72] MINNAGANTI, SUMAN, US
[72] LYONS, DAVID CHARLES, US
[72] SKIBSTED, BENJAMIN ALLEN, US
[72] MEAD, LOUIS LAVERN, US
[71] HNI TECHNOLOGIES INC., US
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[54] **PROTEASES WITH MODIFIED PROPEPTIDE REGIONS**
[54] **PROTEASES A REGIONS PRO-PEPTIDIQUES MODIFIEES**
[72] BABE, LILIA MARIA, US
[72] FIORESI, CAROL MARIE, US
[72] GOEDEGEBUUR, FRITS, US
[72] MULDER, HARM, US
[71] DANISCO US INC., US
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[54] **SYSTEM AND METHOD FOR BACKWASHING A CERAMIC MEMBRANE**
[54] **SYSTEME ET PROCEDE DE LAVAGE A CONTRE-COURANT D'UNE MEMBRANE EN CERAMIQUE**
[72] SMITH, STANTON, US
[72] WISE, BRIAN, US
[72] KUMAR, ADITYA, US
[72] KURTH, CHRISTOPHER J., US
[71] NANOSTONE WATER INC., US
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[54] **METHODS OF ANTHOCYANIN EXTRACTION FROM COLORED CORN CULTIVARS**
[54] **PROCEDES D'EXTRACTION D'ANTHOCYANINES A PARTIR DE CULTIVARS DE MAIS COLORES**
[72] DONAHUE, PAT, US
[72] GONZALEZ DE MEJIA, ELVIRA, US
[72] LI, QIAN, US
[72] SINGH, VIJAY, US
[72] SOMAVAT, PAVEL, US
[72] WEST, LESLIE, US
[72] WEST, MEGAN, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
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[54] **REINFORCED PACKAGE**
[54] **EMBALLAGE RENFORCE**
[72] KASTANEK, RAYMOND S., US
[72] FITZWATER, KELLY R., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[25] EN
[54] **PRINTED HEATER ELEMENTS INTEGRATED IN CONSTRUCTION MATERIALS**
[54] **ELEMENTS CHAUFFANTS IMPRIMES INTEGRES DANS DES MATERIAUX DE CONSTRUCTION**
[72] GILLISSEN, STIJN, BE
[72] VAN DER MEULEN, INGE, NL
[72] DREEZEN, GUNTHER, BE
[71] HENKEL AG & CO. KGAA, DE
[85] 2017-12-15
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[25] EN
[54] **DIALYSIS SOLUTION OR SUBSTITUTION SOLUTION**
[54] **SOLUTION DE DIALYSE OU SOLUTION DE SUBSTITUTION**
[72] HUPPERT, JOCHEN, DE
[72] MATHIS, PASCAL, DE
[72] BERLICH, ROBERT, DE
[72] POHLMEIER, ROBERT, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[87] (WO2016/202462)
[30] DE (10 2015 007 842.9) 2015-06-18

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[25] EN
[54] **CRUSHING SHELL WITH ROTATIONAL LOCK**
[54] **COQUE DE BROYAGE DOTEE D'UN VERROU ROTATIF**
[72] LARSSON, MIKAEL M., SE
[72] HALLBERG, ANDERS, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[25] FR
[54] **SEISMIC WAVE GENERATING TOOL, SUCH AS A SPARK GAP OF A DEVICE FOR GENERATING ELECTRIC ARCS**
[54] **OUTIL DE GENERATION D'ONDES SISMIQUES TEL UN ECLATEUR D'UN DISPOSITIF DE GENERATION D'ARCS ELECTRIQUES**
[72] DELCHAMBRE, MICHAEL, FR
[72] MINAKATA ESPARZA, JESUS, CA
[71] ENE29 S.AR.L., LU
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[25] EN
[54] **PYRAZOLO[1,5-A]TRIAZIN-4-AMINE DERIVATIVES USEFUL IN THERAPY**
[54] **DERIVES DE PYRAZOLO[1,5-A]TRIAZIN -4-AMINE UTILES EN THERAPIE**
[72] WESTMAN, JACOB, SE
[71] CUROVIR AB, SE
[85] 2017-12-15
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[25] EN
[54] **SCR-CATALYZED SOOT FILTER WITH INTEGRATED LEAN NOX TRAP CATALYST FOR USE IN PASSIVE SELECTIVE CATALYTIC REDUCTION**
[54] **FILTRE DE SUIE CATALYSEE PAR SCR AVEC CATALYSEUR DE PIEGE DE NOX PAUVRE INTEGRE POUR UNE UTILISATION DANS LA REDUCTION CATALYTIQUE SELECTIVE PASSIVE**
[72] GRUBERT, GERD, DE
[72] NEUBAUER, TORSTEN, DE
[72] PUNKE, ALFRED, DE
[71] BASF SE, DE
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[51] **Int.Cl. G01R 35/00 (2006.01) G01R 21/06 (2006.01) H02H 3/00 (2006.01) H02H 3/04 (2006.01)**
[25] EN
[54] **METHOD AND TESTING DEVICE FOR TESTING WIRING OF TRANSFORMERS**
[54] **PROCEDE ET DISPOSITIF D'ESSAI POUR VERIFIER LE CABLAGE DE TRANSFORMATEURS**
[72] KLAPPER, ULRICH, AT
[72] KAISER, STEFFEN, DE
[71] OMICRON ELECTRONICS GMBH, AT
[85] 2017-12-15
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[25] EN
[54] **AGENTS, USES AND METHODS FOR THE TREATMENT OF SYNUCLEINOPATHY**
[54] **AGENTS, UTILISATIONS ET PROCEDES POUR LE TRAITEMENT D'UNE SYNUCLEINOPATHIE**
[72] KALLUNKI, PEKKA, DK
[72] FOG, KARINA, DK
[72] VESTERAGER, LOUISE BUUR, DK
[72] BERGSTROM, ANN-LOUISE, DK
[72] SOTTY, FLORENCE, DK
[72] SATIJN, DAVID, NL
[72] VAN DEN BRINK, EDWARD, NL
[72] PARREN, PAUL, NL
[72] RADEMAKER, RIK, NL
[72] VINK, TOM, NL
[72] MALIK, IBRAHIM JOHN, DK
[72] MONTEZINHO, LILIANA CHRISTINA PEREIRA, DK
[71] H. LUNDBECK A/S, DK
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[54] **ANTIBODIES THAT BIND TO SORTILIN AND INHIBIT THE BINDING OF PROGRANULIN**
[54] **ANTICORPS QUI SE LIENT A LA SORTILINE ET INHIBENT LA LIAISON DE LA PROGRANULINE**
[72] BIILMANN RONN, LARS CHRISTIAN, DK
[72] MALIK, IBRAHIM JOHN, DK
[72] STAVENHAGEN, JEFFREY B., DK
[72] CHRISTENSEN, SOREN, DK
[72] EGEBJERG, JAN, DK
[72] GERRITSEN, ARNOUT, NL
[72] VAN DEN BRINK, EDWARD, NL
[72] PARREN, PAUL, NL
[72] DE JONG, ROB, NL
[71] H. LUNDBECK A/S, DK
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[25] EN
[54] **PNEUMATIC DRIVE UNIT FOR A WORK TOOL OF A RELATIVELY RIGID MATERIAL AND CORRESPONDING MACHINE FOR WORKING A RELATIVELY RIGID MATERIAL**
[54] **UNITE D'ENTRAINEMENT PNEUMATIQUE DESTINEE A UN OUTIL DE TRAVAIL D'UN MATERIAU RELATIVEMENT RIGIDE, ET MACHINE CORRESPONDANTE PERMETTANT D'USINER UN MATERIAU RELATIVEMENT RIGIDE**
[72] CAPOIA, GIUSEPPE, IT
[71] INTERNATIONAL BOXES S.R.L., IT
[85] 2017-12-15
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[25] EN
[54] **PLANT AND METHOD FOR MAKING DECORATIONS ON PREFABRICATED WATERPROOFING BITUMINEN-MIX MEMBRANES**
[54] **INSTALLATION ET PROCEDE DE FABRICATION DE DECORATIONS SUR DES MEMBRANES DE MELANGE BITUMINEUX ETANCHES A L'EAU PREFABRIQUEES**
[72] PASTORUTTI, GINO, IT
[71] BOATO INTERNATIONAL S.P.A. A SOCIO UNICO, IT
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[54] **DISPOSITIF DE MESURE DE TEMPS**
[72] LIEB, CHRISTIAN, DE
[71] T-TIMR GMBH I.G., DE
[85] 2017-12-04
[86] 2016-05-19 (PCT/EP2016/061301)
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[25] EN
[54] **WASTE SEPARATION METHOD**
[54] **PROCEDE DE SEPARATION DE DECHETS**
[72] KERVER, JOHANNES BERNARDUS, NL
[71] FILIGRADE B.V., NL
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[25] EN
[54] **METHOD FOR INCREASING THE UTILIZATION OF SOYBEAN PROTEIN BY SALMONID FISH**
[54] **PROCEDE POUR AUGMENTER L'UTILISATION DE PROTEINE DE SOJA PAR DES SALMONIDES**
[72] HARRIS, WILLIAM H., US
[72] CRAIG, STEVEN R., US
[71] INDIANA SOYBEAN ALLIANCE, INC., US
[85] 2017-12-15
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[54] **FLOW DESIGNER FOR CONTACT CENTERS**
[54] **CONCEPTEUR DE FLUX POUR DES CENTRES DE CONTACT**
[72] VYMENETS, LEONID, US
[72] KUMAR, PRAPHUL, US
[72] RISTOCK, HERBERT WILLI ARTUR, US
[72] ZHAKOV, VYACHESLAV, US
[71] GREENEDEN U.S. HOLDINGS II, LLC, US
[85] 2017-12-15
[86] 2016-05-27 (PCT/US2016/034866)
[87] (WO2016/191749)
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[30] US (14/723,431) 2015-05-27

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[51] **Int.Cl. F22B 13/04 (2006.01) F23C 3/00 (2006.01)**
[25] EN
[54] **REDUCED SIZE FIRE TUBE BOILER SYSTEM**
[54] **SYSTEME DE CHAUDIERE A TUBE DE FUMEE DE TAILLE REDUITE**
[72] ZALA, RAKESH, US
[72] WHIRRY, STEVEN L., US
[72] SALENTINE, MARK T., US
[71] CLEAVER-BROOKS, INC., US
[85] 2017-12-15
[86] 2015-06-18 (PCT/US2015/036451)
[87] (WO2016/204767)

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[51] **Int.Cl. G05B 23/02 (2006.01) G06Q 10/06 (2012.01) G05B 17/02 (2006.01)**
[25] EN
[54] **LOCAL ANALYTICS AT AN ASSET**
[54] **ANALYSE LOCALE AU NIVEAU D'UN BIEN**
[72] NICHOLAS, BRAD, US
[72] KOLB, JASON, US
[71] UPTAKE TECHNOLOGIES, INC., US
[85] 2017-12-15
[86] 2016-06-13 (PCT/US2016/037247)
[87] (WO2016/205132)
[30] US (14/744,352) 2015-06-19
[30] US (14/744,369) 2015-06-19
[30] US (14/963,207) 2015-12-08

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[51] **Int.Cl. B64D 45/02 (2006.01) C23C 14/02 (2006.01) C23C 14/20 (2006.01) C23C 18/16 (2006.01) C23C 18/54 (2006.01) C23C 28/00 (2006.01) C23C 28/02 (2006.01) C25D 5/56 (2006.01)**
[25] EN
[54] **PLATED POLYMERIC ARTICLE INCLUDING TIN/COPPER TIE/SEED LAYER**
[54] **ARTICLE POLYMERE PLAQUE COMPORTANT UNE COUCHE DE LIAISON/GERMINATION EN ETAIN/CUIVRE**
[72] HEBERT, LARRY S., US
[72] SOWATZKE, DAVID A., US
[72] YU, STEVEN Y., US
[72] NESMITH, GENE B., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-12-15
[86] 2016-06-13 (PCT/US2016/037261)
[87] (WO2016/205137)
[30] US (62/180,356) 2015-06-16

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[51] **Int.Cl. H05B 37/02 (2006.01) H01L 33/50 (2010.01) F21K 9/00 (2016.01) A61L 2/08 (2006.01) A61L 9/18 (2006.01) A61N 5/06 (2006.01) F21V 23/04 (2006.01) F21V 33/00 (2006.01) H05B 33/08 (2006.01)**
[25] EN
[54] **SINGLE-EMITTER LIGHTING DEVICE THAT OUTPUTS A MINIMUM AMOUNT OF POWER TO PRODUCE INTEGRATED RADIANCE VALUES SUFFICIENT FOR DEACTIVATING PATHOGENS**
[54] **DISPOSITIF D'ECLAIRAGE A UN SEUL EMETTEUR QUI DELIVRE UNE QUANTITE MINIMUM DE PUISSANCE POUR PRODUIRE DES VALEURS DE RADIANCE INTEGREE SUFFISANTES POUR DESACTIVER DES AGENTS PATHOGENES**
[72] HAWKINS, JAMES W., US
[72] HEIKING, NATHAN D., US
[71] KENALL MANUFACTURING COMPANY, US
[85] 2017-12-15
[86] 2016-06-09 (PCT/US2016/036704)
[87] (WO2016/209631)
[30] US (62/185,391) 2015-06-26
[30] US (62/190,113) 2015-07-08

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[51] **Int.Cl. A61L 2/24 (2006.01) F21K 9/00 (2016.01) A61L 2/08 (2006.01) A61N 5/06 (2006.01) F21V 23/04 (2006.01) F21V 33/00 (2006.01) H05B 33/08 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **METHOD OF PROVIDING DOSES OF LIGHT SUFFICIENT TO DEACTIVATE DANGEROUS PATHOGENS THROUGHOUT A VOLUMETRIC SPACE OVER A PERIOD OF TIME**
[54] **PROCEDE DE FOURNITURE DE DOSES DE LUMIERE SUFFISANTES POUR DESACTIVER DES AGENTS PATHOGENES DANGEREUX DANS UN ESPACE VOLUMETRIQUE SUR UNE PERIODE DE TEMPS**
[72] HAWKINS, JAMES W., US
[72] YAHNKE, CLIFFORD J., US
[71] KENALL MANUFACTURING COMPANY, US
[85] 2017-12-15
[86] 2016-06-09 (PCT/US2016/036722)
[87] (WO2016/209633)
[30] US (62/185,391) 2015-06-26
[30] US (62/190,113) 2015-07-08

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **MULTIMEDIA MESSAGING SERVICE GATEWAY (MMSGW) SYSTEM, METHOD OF OPERATING A MULTIMEDIA MESSAGING SERVICE GATEWAY (MMSGW)SYSTEM AND A SOFTWARE PRODUCT**
[54] **SYSTEME DE PASSERELLE DE SERVICE DE MESSAGERIE MULTIMEDIA (MMSGW), PROCEDE D'EXPLOITATION D'UN SYSTEME DE PASSERELLE DE SERVICE DE MESSAGERIE MULTIMEDIA (MMSGW) ET PRODUIT LOGICIEL**
[72] CAHILL, ANTHONY, IE
[72] KEATING, COLM, IE
[71] WEBTEXT HOLDINGS LIMITED, IE
[85] 2017-12-15
[86] 2016-06-15 (PCT/US2016/037592)
[87] (WO2016/205344)
[30] US (62/180,024) 2015-06-15

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[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G01S 19/01 (2010.01) G06F 11/30 (2006.01)**
[25] EN
[54] **TRIP ANOMALY DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION D'ANOMALIES DE DEPLACEMENT**
[72] TRUONG, MICHAEL, US
[72] PURDY, DAVID, US
[72] MAWAS, RAMI, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2017-12-15
[86] 2016-06-14 (PCT/US2016/037454)
[87] (WO2016/205258)
[30] US (14/742,273) 2015-06-17

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[51] **Int.Cl. H04Q 9/00 (2006.01)**
[25] EN
[54] **INTEGRATED WIRELESS COMMUNICATION SENSING AND MONITORING SYSTEM**
[54] **SYSTEME INTEGRE DE DETECTION ET DE SURVEILLANCE DE COMMUNICATION SANS FIL**
[72] RODRIGUEZ, ERNESTO M., JR., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-12-15
[86] 2016-06-15 (PCT/US2016/037523)
[87] (WO2016/205295)
[30] US (62/180,417) 2015-06-16

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[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT WITH ULTRASONIC TIP FOR FIBROUS TISSUE REMOVAL**
[54] **INSTRUMENT CHIRURGICAL AVEC POINTE A ULTRASONS POUR ELIMINATION DE TISSU FIBREUX**
[72] HEAVEY, CATHAL, IE
[71] STRYKER EUROPEAN HOLDINGS I, LLC, US
[85] 2017-12-15
[86] 2016-06-15 (PCT/US2016/037582)
[87] (WO2016/205335)
[30] US (62/180,656) 2015-06-17

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[51] **Int.Cl. C12N 9/22 (2006.01) C07K 19/00 (2006.01) C12N 1/15 (2006.01) C12N 1/21 (2006.01) C12N 5/14 (2006.01) C12N 5/16 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DIRECTING PROTEINS TO SPECIFIC LOCI IN THE GENOME**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE DIRIGER DES PROTEINES VERS DES LOCI SPECIFIQUES DANS LE GENOME**
[72] OSTERTAG, ERIC, US
[72] YESHI, TSETEN, US
[72] LI, XIANGHONG, US
[71] POSEIDA THERAPEUTICS, INC., US
[85] 2017-12-15
[86] 2016-06-16 (PCT/US2016/037922)
[87] (WO2016/205554)
[30] US (62/181,162) 2015-06-17

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[51] **Int.Cl. F04B 47/06 (2006.01) E21B 43/12 (2006.01) F04B 15/02 (2006.01) F04B 17/03 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING PROPER PHASE ROTATION IN DOWNHOLE LINEAR MOTORS**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION DE SUCCESSION DE PHASES APPROPRIEE DANS DES MOTEURS LINEAIRES DE FOND DE TROU**
[72] PICHILINGUE, RENATO L., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-12-15
[86] 2016-06-16 (PCT/US2016/037810)
[87] (WO2016/205473)
[30] US (62/181,299) 2015-06-18

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[51] **Int.Cl. C07K 14/315 (2006.01) C12N 9/22 (2006.01)**
[25] EN
[54] **CRISPR ENZYME MUTATIONS REDUCING OFF-TARGET EFFECTS**
[54] **MUTATIONS D'ENZYME CRISPR QUI REDUISENT LES EFFETS NON CIBLES**
[72] ZHANG, FENG, US
[72] GAO, LINYI, US
[72] ZETSCHE, BERND, US
[72] SLAYMAKER, IAN, US
[71] THE BROAD INSTITUTE INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2017-12-15
[86] 2016-06-17 (PCT/US2016/038034)
[87] (WO2016/205613)
[30] US (62/181,453) 2015-06-18
[30] US (62/207,312) 2015-08-19
[30] US (62/237,360) 2015-10-05
[30] US (62/255,256) 2015-11-13
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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 9/22 (2006.01) C12N 15/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **NOVEL CRISPR ENZYMES AND SYSTEMS**
[54] **NOUVELLES ENZYMES CRISPR ET SYSTEMES**
[72] ZHANG, FENG, US
[72] ZETSCHE, BERND, US
[72] GOOTENBERG, JONATHAN S., US
[72] ABUDAYYEH, OMAR O., US
[72] SLAYMAKER, IAN, US
[71] THE BROAD INSTITUTE INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2017-12-15
[86] 2016-06-17 (PCT/US2016/038181)
[87] (WO2016/205711)
[30] US (62/181,739) 2015-06-18
[30] US (62/193,507) 2015-07-16
[30] US (62/201,542) 2015-08-05
[30] US (62/205,733) 2015-08-16
[30] US (62/232,067) 2015-09-24
[30] US (14/975,085) 2015-12-18
[30] EP (16150428.7) 2016-01-07

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[13] A1
[51] **Int.Cl. A61F 13/15 (2006.01) B65G 29/02 (2006.01) B65G 47/248 (2006.01) B65G 47/74 (2006.01) B65G 47/82 (2006.01) B65H 39/14 (2006.01) B65H 39/16 (2006.01)**
[25] EN
[54] **METHODS FOR TRANSFERRING DISCRETE ARTICLES**
[54] **PROCEDES DE TRANSFERT D'ARTICLES DISCRETS**
[72] SCHNEIDER, UWE, US
[72] PAPSDORF, CLIFFORD THEODORE, US
[72] FINDLEY, DANIEL PATRICK, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-12-15
[86] 2016-06-20 (PCT/US2016/038288)
[87] (WO2016/209746)
[30] US (14/747,296) 2015-06-23

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[13] A1
[51] **Int.Cl. G07B 15/02 (2011.01) G07C 9/00 (2006.01)**
[25] EN
[54] **RFID FOR FARE COLLECTION**
[54] **RFID POUR COLLECTE DE DROIT DE PASSAGE**
[72] BUSCH-SORENSEN, THOMAS, US
[71] CUBIC CORPORATION, US
[85] 2017-12-15
[86] 2016-06-17 (PCT/US2016/038039)
[87] (WO2016/205617)
[30] US (62/182,266) 2015-06-19
[30] US (15/184,736) 2016-06-16

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[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/12 (2006.01) C12M 1/34 (2006.01)**
[25] EN
[54] **POLYMERIC REMOTE SEAL SYSTEM FOR SINGLE-USE CONTAINERS**
[54] **SYSTEME DE JOINT D'ETANCHEITE DISTANT POLYMERE POUR RECIPIENTS A USAGE UNIQUE**
[72] FADELL, PAUL R., US
[72] SCHUMACHER, MARK S., US
[72] PRICE, JOSHUA M., US
[72] SITTLER, FRED C., US
[71] ROSEMOUNT INC., US
[85] 2017-12-15
[86] 2016-06-21 (PCT/US2016/038503)
[87] (WO2017/003759)
[30] US (14/788,069) 2015-06-30

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[13] A1
[51] **Int.Cl. B29C 33/00 (2006.01) B26B 21/22 (2006.01) B26B 21/58 (2006.01) B29C 33/38 (2006.01) B29C 33/40 (2006.01) B29C 35/08 (2006.01) B29C 39/00 (2006.01) G03F 7/00 (2006.01)**
[25] EN
[54] **POLYMERIC CUTTING EDGE STRUCTURES AND METHOD OF MANUFACTURING THEREOF**
[54] **STRUCTURES DE BORD DE COUPE POLYMERE ET LEUR PROCEDE DE FABRICATION**
[72] GESTER, MATTHIAS, GB
[72] KIYAN, ROMAN, DE
[72] HINZE, ULF, DE
[72] KURSELIS, KESTUTIS, DE
[71] THE GILLETTE COMPANY LLC, US
[85] 2017-12-15
[86] 2016-06-21 (PCT/US2016/038514)
[87] (WO2017/003760)
[30] US (62/186,729) 2015-06-30

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[13] A1
[51] **Int.Cl. B29C 33/00 (2006.01) B26B 21/22 (2006.01) B26B 21/58 (2006.01) B29C 33/38 (2006.01) B29C 33/40 (2006.01) B29C 35/08 (2006.01) B29C 39/00 (2006.01) G03F 7/00 (2006.01)**
[25] EN
[54] **POLYMERIC CUTTING EDGE STRUCTURES AND METHOD OF MANUFACTURING THEREOF**
[54] **STRUCTURES DE BORD DE COUPE POLYMERES ET LEUR PROCEDE DE FABRICATION**
[72] GESTER, MATTHIAS, GB
[72] KIYAN, ROMAN, DE
[72] HINZE, ULF, DE
[72] KURSELIS, KESTUTIS, DE
[71] THE GILLETTE COMPANY LLC, US
[85] 2017-12-15
[86] 2016-06-21 (PCT/US2016/038515)
[87] (WO2017/003761)
[30] US (62/186,729) 2015-06-30

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[13] A1
[51] **Int.Cl. B65B 59/00 (2006.01) B65B 5/06 (2006.01) B65B 7/18 (2006.01) B65B 35/40 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PACKAGING OF NESTED PRODUCTS**
[54] **SYSTEME ET PROCEDE D'EMBALLAGE DE PRODUITS IMBRIQUES**
[72] MONCRIEF, FRANK N., US
[72] WARNER, DAVID F., US
[72] FORD, COLIN, US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2017-12-15
[86] 2016-07-07 (PCT/US2016/041285)
[87] (WO2017/019270)
[30] US (14/810,878) 2015-07-28

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[13] A1
[51] **Int.Cl. A61K 8/894 (2006.01) A61K 8/02 (2006.01) A61K 8/86 (2006.01) A61Q 9/02 (2006.01) B26B 21/44 (2006.01)**
[25] EN
[54] **LUBRICATING MEMBER FOR RAZOR CARTRIDGES**
[54] **ELEMENT DE LUBRIFICATION POUR CARTOUCHES DE RASOIR**
[72] BRADFORD, VALERIE JEAN, US
[72] STEPHENS, ALISON FIONA, GB
[72] WILLIAMSON, MARTIN STEPHEN, GB
[71] THE GILLETTE COMPANY LLC, US
[85] 2017-12-15
[86] 2016-06-27 (PCT/US2016/039482)
[87] (WO2017/003898)
[30] EP (15174448.9) 2015-06-30

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[13] A1
[51] **Int.Cl. H01R 13/645 (2006.01) H01R 13/6463 (2011.01)**
[25] EN
[54] **CODED INSERTION-TYPE CONNECTING ARRANGEMENT**
[54] **SYSTEME DE CONNEXION AVEC CODAGE**
[72] ARMBRECHT, GUNNAR, DE
[72] KUNZ, STEPHAN, DE
[72] MULLER, THOMAS, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2017-12-18
[86] 2016-06-16 (PCT/EP2016/001005)
[87] (WO2017/008876)
[30] DE (20 2015 005 042.5) 2015-07-14

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[13] A1
[51] **Int.Cl. B60W 40/09 (2012.01) B60W 50/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EVALUATING THE DRIVING BEHAVIOUR OF A VEHICLE OPERATOR WITH A MOTOR VEHICLE**
[54] **PROCEDE ET SYSTEME D'EVALUATION DE LA FACON DONT UN CONDUCTEUR DE VEHICULE CONDUIT UN VEHICULE AUTOMOBILE**
[72] DECKER, CHRISTIAN, DE
[72] ANDERER, SIMON, DE
[71] INIT INNOVATIVE INFORMATIKANWENDUNGEN IN TRANSPORT-, VERKEHRS- UND LEITSYSTEMEN GMBH, DE
[85] 2017-12-18
[86] 2016-06-15 (PCT/DE2016/200275)
[87] (WO2016/202336)
[30] DE (10 2015 211 171.7) 2015-06-17
[30] DE (10 2015 213 108.4) 2015-07-13

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[13] A1
[51] **Int.Cl. A61B 8/00 (2006.01) A61B 8/08 (2006.01) A61B 8/14 (2006.01)**
[25] EN
[54] **OBSTETRICAL IMAGING AT THE POINT OF CARE FOR UNTRAINED OR MINIMALLY TRAINED OPERATORS**
[54] **IMAGERIE OBSTETRICALE SUR LE LIEU DE SOIN POUR MANIPULATEURS TRES PEU OU NON FORMES**
[72] FELTOVICH, HELEN, US
[72] HALL, TIMOTHY, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2017-12-15
[86] 2016-06-27 (PCT/US2016/039497)
[87] (WO2017/003905)
[30] US (62/187,079) 2015-06-30

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[13] A1
[51] **Int.Cl. B65G 11/10 (2006.01) B65G 11/18 (2006.01)**
[25] EN
[54] **FLEXIBLE FUNNEL ELEMENT FOR MATERIAL GUIDE CHUTE**
[54] **ELEMENT D'ENTONNOIR SOUPLE DESTINE A UNE GOULOTTE DE GUIDAGE DE MATERIAU**
[72] MALMBERG, MATS, SE
[72] HENSSIEN, ADRIEN, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-12-18
[86] 2015-07-09 (PCT/EP2015/065659)
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[51] **Int.Cl. E04C 5/04 (2006.01) B21F 27/02 (2006.01)**
[25] EN
[54] **LATTICE STRUCTURE AND A DEVICE AND METHOD FOR PRODUCING SAME**
[54] **STRUCTURE EN TREILLIS ET DISPOSITIF ET PROCEDE DE FABRICATION DE CETTE STRUCTURE**
[72] VON ALLMEN, HANS-PETER, CH
[71] GEOBRUGG AG, CH
[85] 2017-12-18
[86] 2016-05-25 (PCT/EP2016/061826)
[87] (WO2016/202545)
[30] CH (00920/15) 2015-06-19

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[13] A1
[51] **Int.Cl. C08F 210/16 (2006.01) C08F 4/659 (2006.01)**
[25] EN
[54] **ZIEGLER-NATTA - METALLOCENE DUAL CATALYST SYSTEMS WITH ACTIVATOR-SUPPORTS**
[54] **SYSTEMES CATALYTIQUES DOUBLES DE TYPE ZIEGLER-NATTA/METALLOCENE PRESENTANT DES SUPPORTS D'ACTIVATEUR**
[72] DING, ERRUN, US
[72] TSO, CHUNG C., US
[72] YU, YOULU, US
[72] YANG, QING, US
[72] BUCK, RICHARD M., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2017-12-15
[86] 2016-06-28 (PCT/US2016/039856)
[87] (WO2017/007640)
[30] US (62/189,770) 2015-07-08

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[13] A1
[51] **Int.Cl. B25H 3/02 (2006.01)**
[25] EN
[54] **STORAGE EQUIPMENT**
[54] **DISPOSITIF DE RANGEMENT**
[72] WOLLE, LUTZ, DE
[72] KAHN, DENNY, DE
[72] BARABEISCH, MARKUS, DE
[71] TTS TOOLTECHNIC SYSTEMS AG & CO. KG, DE
[85] 2017-12-18
[86] 2015-07-24 (PCT/EP2015/066976)
[87] (WO2017/016573)

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[13] A1
[51] **Int.Cl. A61K 35/15 (2015.01) C12N 5/0784 (2010.01)**
[25] EN
[54] **DEVICE AND METHOD FOR OBTAINING IMMUNO-STIMULATORY ANTIGEN-PRESENTING CELLS**
[54] **DISPOSITIF ET PROCEDE POUR L'OBTENTION DE CELLULES PRESENTATRICES D'ANTIGENE IMMUNOSTIMULATRICES**
[72] BAUER, GUENTER, DE
[72] EDELSON, RICHARD, US
[72] HENCO, KARSTEN, DE
[72] DUCKWORTH, JUSTIN, GB
[71] YALE UNIVERSITY, US
[71] TRANSIMMUNE AG, DE
[85] 2017-12-14
[86] 2016-07-04 (PCT/EP2016/065725)
[87] (WO2017/005700)
[30] US (62/188,514) 2015-07-03
[30] GB (1513278.0) 2015-07-28

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61K 47/00 (2006.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01)**
[25] EN
[54] **PHARMACEUTICAL ANTI-TNF-.ALPHA. ANTIBODY FORMULATION**
[54] **FORMULATION ANTICORPS PHARMACEUTIQUE ANTI-TNF-ALPHA**
[72] LAZAR, JOZSEF, HU
[72] OLAJOS, MARCELL, HU
[72] JANOS, VARGA, HU
[71] RICHTER GEDEON NYRT., HU
[85] 2017-12-18
[86] 2015-10-28 (PCT/EP2015/074986)
[87] (WO2016/066688)
[30] HU (P1400510) 2014-10-28

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **TYPE II ANTI-CD20 ANTIBODY FOR USE IN ORGAN TRANSPLANTATION**
[54] **ANTICORPS ANTI-CD20 DE TYPE II DESTINE A UNE UTILISATION DANS LA TRANSPLANTATION D'ORGANES**
[72] BRUNETTA, PAUL, US
[72] BORIE, DOMINIQUE, US
[71] GENENTECH, INC., US
[85] 2017-12-15
[86] 2016-06-28 (PCT/US2016/039905)
[87] (WO2017/004091)
[30] US (62/186,303) 2015-06-29

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[51] **Int.Cl. H02J 3/38 (2006.01)**
[25] EN
[54] **ISLANDING A PLURALITY OF GRID TIED POWER CONVERTERS**
[54] **ILOTAGE D'UNE PLURALITE DE CONVERTISSEURS DE PUISSANCE CONNECTES AU RESEAU ELECTRIQUE**
[72] SOMANI, APURVA, US
[72] PALOMBINI, JOHN C., US
[71] DYNAPOWER COMPANY LLC, US
[85] 2017-12-15
[86] 2016-06-29 (PCT/US2016/039963)
[87] (WO2017/004125)
[30] US (62/188,278) 2015-07-02

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[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **PORTION CAPSULE AND METHOD FOR PRODUCING A BEVERAGE BY MEANS OF A PORTION CAPSULE**
[54] **CAPSULE ET PROCEDE DE PREPARATION D'UNE BOISSON A L'AIDE D'UNE CAPSULE**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[71] K-FEE SYSTEM GMBH, DE
[85] 2017-12-18
[86] 2016-06-09 (PCT/EP2016/063215)
[87] (WO2016/202683)
[30] DE (10 2015 109 608.0) 2015-06-16

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[13] A1
[51] **Int.Cl. A23G 3/34 (2006.01) A23G 3/36 (2006.01) A23G 3/50 (2006.01) A23G 3/54 (2006.01) A23G 3/56 (2006.01)**
[25] EN
[54] **ALCOHOL-CONTAINING CANDY PRODUCTS**
[54] **BONBON CONTENANT DE L'ALCOOL**
[72] PUCA, GIUSEPPE, DE
[71] PUCA, GIUSEPPE, DE
[85] 2017-12-18
[86] 2016-06-20 (PCT/EP2016/064138)
[87] (WO2016/203036)
[30] EP (15172734.4) 2015-06-18

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[51] **Int.Cl. F02D 13/02 (2006.01) F02D 41/00 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE WITH A REGULATING DEVICE**
[54] **MOTEUR A COMBUSTION INTERNE MUNI D'UN DISPOSITIF DE REGULATION**
[72] THALHAUSER, JOSEF, DE
[72] SPYRA, NIKOLAUS, AT
[72] MUSU, ETTORE, IT
[71] GE JENBACHER GMBH & CO OG, AT
[85] 2017-12-18
[86] 2016-06-28 (PCT/AT2016/050236)
[87] (WO2017/000012)
[30] AT (A 417/2015) 2015-06-30

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[51] **Int.Cl. G01N 27/327 (2006.01) C12Q 1/34 (2006.01)**
[25] EN
[54] **METHOD OF CORRECTING CREA SENSOR FOR CALCIUM INHIBITION**
[54] **PROCEDE DE CORRECTION DE CAPTEUR DE CREATININE POUR L'INHIBITION DU CALCIUM**
[72] HANSEN, THOMAS STEEN, DK
[72] NYGAARD, THOMAS PEDERSEN, DK
[71] RADIOMETER MEDICAL APS, DK
[85] 2017-12-18
[86] 2016-06-20 (PCT/EP2016/064182)
[87] (WO2017/005479)
[30] DK (PA 2015 00384) 2015-07-06

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[51] **Int.Cl. A61M 39/22 (2006.01) A61M 5/00 (2006.01) F16K 11/085 (2006.01) F16K 31/524 (2006.01) G01N 30/00 (2006.01)**
[25] EN
[54] **A SYSTEM FOR SAFE RADIOISOTOPE PREPARATION AND INJECTION**
[54] **SYSTEME DE PREPARATION ET D'INJECTION SECURISEES DE RADIO-ISOTOPE**
[72] LARSEN, PETER, DK
[72] STENFELDT, MARTIN, DK
[72] KRISTENSEN, RUNE WIIK, DK
[71] MEDTRACE A/S, DK
[85] 2017-12-18
[86] 2016-06-20 (PCT/EP2016/064221)
[87] (WO2016/203055)
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[25] EN
[54] **CALIBRATION METHOD FOR WATER HARDNESS MEASUREMENT**
[54] **PROCEDE D'ETALONNAGE DE MESURE DE LA DURETE DE L'EAU**
[72] LI, HUI, US
[72] KNOTH, ALEXANDRA, US
[72] SCHWARTZ, JOE, US
[72] WILSON, CHRISTOPHER BRANT, US
[72] KAHAIAN, ARTHUR, US
[71] ECOLAB USA INC., US
[85] 2017-12-15
[86] 2016-07-01 (PCT/US2016/040751)
[87] (WO2017/004553)
[30] US (62/187,559) 2015-07-01

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[51] **Int.Cl. C08K 7/14 (2006.01) C08L 23/12 (2006.01)**
[25] EN
[54] **FIBER REINFORCED COMPOSITE**
[54] **COMPOSITE RENFORCE PAR DES FIBRES**
[72] JERABEK, MICHAEL, AT
[72] STOCKREITER, WOLFGANG, AT
[72] LUMMERSTORFER, THOMAS, AT
[71] BOREALIS AG, AT
[85] 2017-12-18
[86] 2016-07-13 (PCT/EP2016/066665)
[87] (WO2017/009380)
[30] EP (15176672.2) 2015-07-14

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[13] A1
[51] **Int.Cl. F04B 43/12 (2006.01) F04B 43/08 (2006.01)**
[25] FR
[54] **PERISTALTIC PUMP WITH IMPROVED PIPE ATTACHMENT**
[54] **POMPE PERISTALTIQUE AVEC FIXATION DE TUYAU AMELIOREE**
[72] BARIAU, FABRICE, FR
[72] GIRARD, MICHEL, FR
[71] MOUVEX, FR
[85] 2017-12-18
[86] 2016-06-22 (PCT/FR2016/051531)
[87] (WO2016/207550)
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[13] A1
[51] **Int.Cl. B01L 3/02 (2006.01)**
[25] EN
[54] **IMPROVED CONTROL BUTTON FOR A SAMPLING PIPETTE**
[54] **BOUTON DE COMMANDE AMELIORE POUR PIPETTE DE PRELEVEMENT**
[72] DUDEK, BRUNO, FR
[72] RAMSAMY, SANJAY, FR
[71] GILSON SAS, FR
[85] 2017-12-18
[86] 2016-06-21 (PCT/EP2016/064246)
[87] (WO2016/207131)
[30] FR (15 55833) 2015-06-24

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[13] A1
[51] **Int.Cl. G01N 33/579 (2006.01)**
[25] EN
[54] **IMPROVED BACTERIAL ENDOTOXIN TEST FOR THE DETERMINATION OF ENDOTOXINS**
[54] **TEST D'ENDOTOXINES BACTERIENNES AMELIORE VISANT A RECHERCHER LES ENDOTOXINES**
[72] ALEXANDER, CHRISTIAN, DE
[72] DEUTSCHMANN, SVEN, DE
[72] LANG, PIERRE, FR
[72] VON WINTZINGERODE, FRIEDRICH, DE
[72] ZAEHRINGER, ULRICH, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[71] FORSCHUNGSZENTRUM BORSTEL LEIBNIZ-ZENTRUM FUER MEDIZIN UND BIOWISSENSCHAFTEN, DE
[85] 2017-12-18
[86] 2016-07-27 (PCT/EP2016/067896)
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[30] EP (15178683.7) 2015-07-28

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[13] A1
[51] **Int.Cl. B29D 29/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANUFACTURING FLIGHTLESS, MONOLITHIC BELT**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE COURROIE MONOLITHIQUE SANS LIAISON**
[72] ADLANI, ZOUHIR, US
[71] HABASIT AG, CH
[85] 2017-12-18
[86] 2016-07-27 (PCT/EP2016/067900)
[87] (WO2017/017137)
[30] US (62/199,214) 2015-07-30

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL GENERATING ARTICLE WITH A RUPTURING SYSTEM AND A BLISTER CAPSULE**
[54] **ARTICLE DE GENERATION D'AEROSOL AVEC SYSTEME DE RUPTURE ET CAPSULE SOUS BLISTER**
[72] BUEHLER, FREDERIC ULYSSE, CH
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-12-18
[86] 2016-08-08 (PCT/EP2016/068914)
[87] (WO2017/029151)
[30] EP (15181169.2) 2015-08-14

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[51] **Int.Cl. C07K 14/765 (2006.01)**
[25] EN
[54] **ALBUMIN VARIANTS AND CONJUGATES**
[54] **VARIANTS DE L'ALBUMINE ET LEURS CONJUGUES**
[72] DELAHAY, KAREN ANN, GB
[72] FINNIS, CHRISTOPHER JOHN ARTHUR, GB
[72] NICHOLLS, KARL MICHAEL, GB
[71] ALBUMEDIX A/S, DK
[85] 2017-12-18
[86] 2016-08-19 (PCT/EP2016/069748)
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[30] EP (15181822.6) 2015-08-20

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[13] A1
[51] **Int.Cl. C07D 263/54 (2006.01) A61K 31/423 (2006.01) A61K 31/428 (2006.01) C07D 277/62 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL HETEROCYCLIC DERIVATIVES**
[54] **DERIVES HETEROCYCLIQUES ANTIBACTERIENS**
[72] MATHIEU, GAELLE, CH
[72] DIETHELM, STEFAN, CH
[72] GAUVIN, JEAN-CHRISTOPHE, CH
[72] PANCHAUD, PHILIPPE, CH
[72] SURIVET, JEAN-PHILIPPE, CH
[71] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2017-12-18
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[87] (WO2017/037039)
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[25] EN
[54] **ARMOUR**
[54] **BLINDAGE**
[72] PARK, NICHOLAS, GB
[72] JENKINGS, SIMON ANTHONY, GB
[72] TOWNSEND, DAVID, GB
[71] BAE SYSTEMS PLC, GB
[85] 2017-12-18
[86] 2015-06-24 (PCT/GB2015/000197)
[87] (WO2016/207580)

[21] **2,989,972**
[13] A1
[51] **Int.Cl. C07C 227/16 (2006.01)**
[25] EN
[54] **PROCESS TO PREPARE PHENOLIC ETHYLENEDIAMINE DIACETIC ACID COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES D'ACIDE PHENOLIQUE ETHYLENEDIAMINE DIACETIQUE**
[72] REICHWEIN, ADRIANUS MARIA, NL
[72] JONGEN, HUBERTUS JOHANNES, NL
[72] GROOTE, MARJOLEIN, NL
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2017-12-18
[86] 2016-06-23 (PCT/EP2016/064499)
[87] (WO2016/207265)
[30] EP (15173799.6) 2015-06-25

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[13] A1
[51] **Int.Cl. C07C 227/16 (2006.01)**
[25] EN
[54] **PROCESS TO PREPARE PHENOLIC ETHYLENEDIAMINE DIACETIC ACID COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES ACIDE PHENOLIQUE ETHYLENEDIAMINE DIACETIQUE**
[72] REICHWEIN, ADRIANUS MARIA, NL
[72] JONGEN, HUBERTUS JOHANNES, NL
[72] GROOTE, MARJOLEIN, NL
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2017-12-18
[86] 2016-06-23 (PCT/EP2016/064501)
[87] (WO2016/207266)
[30] EP (15173800.2) 2015-06-25

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[13] A1
[51] **Int.Cl. A61K 31/585 (2006.01) A61P 15/18 (2006.01)**
[25] EN
[54] **DROSPIRENONE-BASED CONTRACEPTIVE FOR A FEMALE PATIENT AFFECTED WITH EXCESS WEIGHT**
[54] **CONTRACEPTIF A BASE DE DROSPIRENONE POUR UNE PATIENTE ATTEINTE D'UN EXCES PONDERAL**
[72] DROUIN, DOMINIQUE, FR
[72] BOYER-JOUBERT, CECILE, FR
[72] PERRIN, PHILIPPE, FR
[71] LABORATORIOS LEON FARMA SA, ES
[85] 2017-12-18
[86] 2016-06-23 (PCT/EP2016/064574)
[87] (WO2016/207298)
[30] CN (201510348953.1) 2015-06-23
[30] EP (15305965.4) 2015-06-23

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[13] A1
[51] **Int.Cl. A61K 35/747 (2015.01)**
[25] EN
[54] **LACTOBACILLUS RHAMNOSUS BACTERIUM FOR TREATMENT OF E.G. BACTERIAL VAGINOSIS**
[54] **BACTERIE LACTOBACILLUS RHAMNOSUS POUR LE TRAITEMENT, PAR EXEMPLE, DE LA VAGINOSE BACTERIENNE**
[72] CHENOLL CUADROS, MARIA EMPAR, ES
[72] CASINOS RAMO, BEATRIZ, ES
[72] SILVA ANGULO, ANGELA, ES
[72] RAMON VIDAL, DANIEL, ES
[72] GENOVES MARTINEZ, SALVADOR, ES
[71] FERRING B.V., NL
[85] 2017-12-18
[86] 2016-06-29 (PCT/EP2016/065074)
[87] (WO2017/001440)
[30] EP (EP15174222.8) 2015-06-29

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[51] **Int.Cl. A24B 15/14 (2006.01) A24B 3/14 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING HIGH TENSILE STRENGTH HOMOGENIZED TOBACCO MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU DE TABAC HOMOGENEISE A HAUTE RESISTANCE A LA TRACTION**
[72] KLIPFEL, YORICK, CH
[72] JARRIAULT, MARINE, CH
[72] BATISTA, RUI NUNO, CH
[72] RAUSIS, PASCAL, CH
[72] CALLY, AUDREY, CH
[72] DEFOREL, CORINNE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-12-18
[86] 2016-06-29 (PCT/EP2016/065223)
[87] (WO2017/041920)
[30] EP (15184288.7) 2015-09-08

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[13] A1
[51] **Int.Cl. A61B 5/048 (2006.01) A61B 5/04 (2006.01) A61B 5/0482 (2006.01) A61M 21/02 (2006.01) A61B 5/0478 (2006.01)**
[25] FR
[54] **SYSTEM AND METHOD FOR CHARACTERISING THE SLEEP OF AN INDIVIDUAL**
[54] **SYSTEME ET PROCEDE DE CARACTERISATION DU SOMMEIL D'UN INDIVIDU**
[72] SPILUTTINI HEBERT, BEATRICE, FR
[71] URGOTECH, FR
[85] 2017-12-18
[86] 2016-07-07 (PCT/FR2016/051730)
[87] (WO2017/006062)
[30] FR (1556421) 2015-07-07

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[13] A1
[51] **Int.Cl. C10K 1/06 (2006.01) C01B 3/38 (2006.01) C10J 3/00 (2006.01) C10K 3/04 (2006.01)**
[25] EN
[54] **COOLING SYNGAS VIA REACTION OF METHANE OR LIGHT HYDROCARBONS WITH WATER**
[54] **REFROIDISSEMENT D'UN GAZ DE SYNTHESE PAR L'INTERMEDIAIRE D'UNE REACTION ENTRE DU METHANE OU DES HYDROCARBURES LEGERS ET DE L'EAU**
[72] STANISLOWSKI, JOSHUA J., US
[72] HOLMES, MICHAEL J., US
[72] SWANSON, MICHAEL L., US
[71] ENERGY & ENVIRONMENTAL RESEARCH CENTER FOUNDATION, US
[85] 2017-12-18
[86] 2016-06-17 (PCT/US2016/038099)
[87] (WO2016/205664)
[30] US (62/181,291) 2015-06-18

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[13] A1
[51] **Int.Cl. E21B 43/02 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **CENTRIFUGAL PARTICLE ACCUMULATOR AND FILTER**
[54] **ACCUMULATEUR CENTRIFUGE DE PARTICULES ET FILTRE**
[72] GAO, BO, US
[72] BUDLER, NICHOLAS, US
[72] XIN, LINDA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-12-18
[86] 2015-07-27 (PCT/US2015/042191)
[87] (WO2017/019007)

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[13] A1
[51] **Int.Cl. B26B 21/44 (2006.01)**
[25] EN
[54] **A PORTABLE DISPOSABLE FLUID DISPENSING HAIR REMOVAL DEVICE**
[54] **DISPOSITIF D'EPILATION A DISTRIBUTION DE FLUIDE PORTABLE ET JETABLE**
[72] SHOREY, ANTHONY WILLIAM, GB
[72] CATON, NICOLA LOUISE, GB
[72] DUKE, LOTTIE HANNAH, GB
[71] THE GILLETTE COMPANY LLC, US
[85] 2017-12-18
[86] 2016-06-27 (PCT/US2016/039545)
[87] (WO2017/003919)
[30] EP (15174580.9) 2015-06-30

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[13] A1
[51] **Int.Cl. C07D 239/42 (2006.01) A61K 31/136 (2006.01) A61K 31/17 (2006.01) A61P 35/00 (2006.01) C07C 275/42 (2006.01) C07D 261/14 (2006.01) C07D 285/12 (2006.01)**
[25] EN
[54] **IDO INHIBITORS**
[54] **INHIBITEURS D'IDO**
[72] BALOG, JAMES AARON, US
[72] CHERNEY, EMILY CHARLOTTE, US
[72] MARKWALDER, JAY A., US
[72] SHAN, WEIFANG, US
[72] WILLIAMS, DAVID K., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-12-18
[86] 2016-06-27 (PCT/US2016/039564)
[87] (WO2016/210414)
[30] US (62/184,984) 2015-06-26

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[13] A1
[51] **Int.Cl. H01M 2/04 (2006.01) H01M 10/42 (2006.01) H01M 10/48 (2006.01)**
[25] EN
[54] **BATTERY MODULE WITH A TEMPERATURE MONITORING ASSEMBLY**
[54] **MODULE DE BATTERIE AYANT UN ENSEMBLE DE SURVEILLANCE DE TEMPERATURE**
[72] RHEIN, DAVID JAMES, US
[72] DRESSEL, ANDRE MARTIN, DE
[71] TE CONNECTIVITY CORPORATION, US
[71] TE CONNECTIVITY GERMANY GMBH, DE
[85] 2017-12-18
[86] 2016-05-24 (PCT/US2016/033860)
[87] (WO2016/209466)
[30] US (62/184,636) 2015-06-25
[30] US (15/157,771) 2016-05-18

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTIBODIES TO CD40**
[54] **ANTICORPS DIRIGES CONTRE CD40**
[72] BARNHART, BRYAN C., US
[72] DEVAUX, BRIGITTE, US
[72] YAMNIUK, AARON P., US
[72] OKADA, SHANNON L., US
[72] STEVENS, BRENDA L., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-12-18
[86] 2016-06-28 (PCT/US2016/039754)
[87] (WO2017/004006)
[30] US (62/186,076) 2015-06-29
[30] US (62/252,615) 2015-11-09

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[13] A1
[51] **Int.Cl. B60R 1/078 (2006.01)**
[25] EN
[54] **REMOVABLE SIDE VIEW MIRROR FOR VEHICLE**
[54] **RETROVISEUR LATERAL AMOVIBLE POUR UN VEHICULE**
[72] TOTH, KIMBERLY GENEVA, US
[72] ANDRADE, JUSTIN MATTHEW, US
[72] STOFFEL, CHRISTOPHER JOHN, US
[71] WAYMO LLC, US
[85] 2017-12-18
[86] 2016-05-31 (PCT/US2016/035023)
[87] (WO2016/204969)
[30] US (62/182,181) 2015-06-19
[30] US (15/156,955) 2016-05-17

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[13] A1
[51] **Int.Cl. F42B 3/13 (2006.01) F42B 3/198 (2006.01) F42C 19/08 (2006.01)**
[25] EN
[54] **INTEGRATED CIRCUIT INITIATOR DEVICE**
[54] **DISPOSITIF INITIATEUR DE CIRCUIT INTEGRE**
[72] SCHOLTES, JOZEF HUBERTUS GERARDUS, NL
[72] PRINSE, WILHELMUS CORNELIS, NL
[72] VAN DER LANS, MARCUS JOHANNES, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
[85] 2017-12-18
[86] 2016-06-27 (PCT/NL2016/050453)
[87] (WO2016/209081)
[30] EP (15174123.8) 2015-06-26

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTIBODIES TO CD40 WITH ENHANCED AGONIST ACTIVITY**
[54] **ANTICORPS ANTI-CD40 PRESENTANT UNE ACTIVITE AGONISTE RENFORCEE**
[72] RAVETCH, JEFFREY V., US
[72] DAHAN, RONY, US
[72] BARNHART, BRYAN C., US
[72] DEVAUX, BRIGITTE, US
[72] YAMNIUK, AARON P., US
[72] OKADA, SHANNON L., US
[72] STEVENS, BRENDA L., US
[71] THE ROCKEFELLER UNIVERSITY, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-12-18
[86] 2016-06-28 (PCT/US2016/039771)
[87] (WO2017/004016)
[30] US (62/186,076) 2015-06-29
[30] US (62/252,615) 2015-11-09
[30] US (62/303,838) 2016-03-04

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[13] A1
[51] **Int.Cl. C10G 29/00 (2006.01) C10G 17/00 (2006.01) C10G 45/02 (2006.01) C10G 67/16 (2006.01)**
[25] EN
[54] **PRODUCTION OF LOW SULFUR GASOLINE**
[54] **PRODUCTION D'ESSENCE A FAIBLE TENEUR EN SOUFRE**
[72] HARANDI, MOHSEN N., US
[72] GREELEY, JOHN P., US
[72] CHUBA, MICHAEL R., US
[72] LU, BRYAN C., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **SYSTEME ET PROCEDE DE RECUPERATION DE METAL**
[72] CONWAY, TIMOTHY F., US
[71] BEST PROCESS SOLUTIONS, INC., US
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[25] EN
[54] **MACROCYCLIC BENZODIAZEPINE DIMERS, CONJUGATES THEREOF, PREPARATION AND USES**
[54] **FORMES MACROCYCLIQUES DIMERES DES BENZODIAZEPINES, LEURS CONJUGUES, PREPARATION ET UTILISATIONS**
[72] ZHANG, YONG, US
[72] BORZILLERI, ROBERT M., US
[72] TEBBEN, ANDREW J., US
[72] STANG, ERIK M., US
[72] DONNELL, ANDREW F., US
[72] SCHROEDER, GRETCHEN M., US
[72] PEREZ, HEIDI L., US
[72] WEI, DONNA D., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-12-18
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[54] **LIGAND CRISTALLIN**
[72] BRAMMER, MICHAEL A., US
[72] MILLER, GLENN A., US
[72] BIGI, MARINUS A., US
[72] PHILLIPS, GEORGE R., US
[72] VANCHURA, BRITT A., US
[72] KEARNS, KENNETH L., US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
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[25] EN
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[54] **MECANISME DE LIAISON FLEXIBLE**
[72] BUSAM, EDWARD P., US
[72] JAMES, BOBBY G., JR., US
[72] OLVERA, PAUL E., US
[72] ROWE, MICHAEL D., US
[71] ACCO BRANDS CORPORATION, US
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[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **NETWORK FUNCTION VIRTUALIZATION (NFV) HARDWARE TRUST IN DATA COMMUNICATION SYSTEMS**
[54] **CONFIANCE DE MATERIEL DE VIRTUALISATION DE FONCTION DE RESEAU (NFV) DANS DES SYSTEMES DE COMMUNICATION DE DONNEES**
[72] RAJAGOPAL, ARUN, US
[72] PACZKOWSKI, LYLE WALTER, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2017-12-18
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[25] EN
[54] **COVER ASSEMBLY FOR A BATTERY MODULE**
[54] **ENSEMBLE COUVERCLE POUR UN MODULE DE BATTERIE**
[72] RHEIN, DAVID JAMES, US
[72] GUANCO, ANDRE ESPER, US
[72] SHIELDS, ERIC D., US
[72] PATTERSON, JEREMY CHRISTIN, US
[72] CROSS, SCOTT MICHAEL, US
[71] TE CONNECTIVITY CORPORATION, US
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[25] EN
[54] **EXPLOSION-PROOF CURRENT DIVERTING DEVICE**
[54] **DISPOSITIF DE DERIVATION DE COURANT A L'EPREUVE DES EXPLOSIONS**
[72] TEJANO, ROBERT A., US
[72] HOEHLE, NEIL F., US
[71] INPRO/SEAL LLC, US
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[86] 2016-06-20 (PCT/US2016/038380)
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[25] EN
[54] **SYSTEMS AND METHODS FOR REMOTE SENSING OF THE EARTH FROM SPACE**
[54] **SYSTEMES ET PROCEDES POUR LA TELEDETECTION DE LA TERRE DEPUIS L'ESPACE**
[72] TYC, GEORGE, CA
[71] KING ABDULAZIZ CITY OF SCIENCE AND TECHNOLOGY, SA
[71] URTHECAST CORP., CA
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[25] EN
[54] **METHOD FOR SINTERING CARBON BODIES IN A FURNACE**
[54] **PROCEDE DE FRITTAGE DE CORPS DE CARBONE DANS UN DISPOSITIF DE TYPE FOUR**
[72] LEISENBERG, WOLFGANG, DE
[71] LEISENBERG, WOLFGANG, DE
[85] 2017-12-19
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[30] DE (10 2015 211 624.7) 2015-06-23
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[25] EN
[54] **ELECTRIC POWER CABLE AND A PROCESS FOR THE PRODUCTION OF THE POWER CABLE**
[54] **CABLE D'ALIMENTATION ELECTRIQUE ET PROCEDE POUR LA PRODUCTION DU CABLE D'ALIMENTATION**
[72] GHORBANI, HOSSEIN, SE
[72] SUNNEGARDH, PETER, SE
[72] KALLSTRAND, BIRGITTA, SE
[72] OLSSON, CARL-OLOF, SE
[72] NILSSON, ULF, SE
[72] HAGSTRAND, PER-OLA, SE
[72] ENGLUND, VILLGOT, SE
[72] SILFVERBERG, EMY, SE
[72] THORN, NIKLAS, SE
[71] NKT HV CABLES GMBH, CH
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[54] **CONTROL SIGNALING**
[54] **SIGNALISATION DE COMMANDE**
[72] HAKOLA, SAMI-JUKKA, FI
[72] TIIROLA, ESA TAPANI, FI
[72] PAJUKOSKI, KARI PEKKA, FI
[71] NOKIA SOLUTIONS AND NETWORKS OY, FI
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[54] **NEW ALKYNYL-SUBSTITUTED 3-PHENYLPYRROLIDINE-2,4-DIONES AND USE THEREOF AS HERBICIDES**
[54] **NOUVELLES 3-PHENYLPYRROLIDIN-2,4-DIONES A SUBSTITUTION ALCYNYLE ET LEUR UTILISATION EN TANT QU'HERBICIDES**
[72] ANGERMANN, ALFRED, DE
[72] LEHR, STEFAN, DE
[72] HELMKE, HENDRIK, DE
[72] FISCHER, REINER, DE
[72] BOJACK, GUIDO, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[72] GATZWEILER, ELMAR, DE
[72] DIETRICH, HANSJORG, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[54] **DEVICE FOR SURFACE FUNCTIONALIZATION AND DETECTION**
[54] **DISPOSITIF DE FONCTIONNALISATION ET DE DETECTION DE SURFACE**
[72] JONES, BENJAMIN, BE
[72] STAKENBORG, TIM, BE
[72] FIORINI, PAOLO, BE
[71] IMEC VZW, BE
[85] 2017-12-19
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[25] EN
[54] **METHOD FOR REMOVING MERCURY FROM FLUE GASES OF INCINERATION PLANTS**
[54] **PROCEDE DE SEPARATION DU MERCURE DES GAZ DE FUMEE D'INSTALLATIONS DE COMBUSTION**
[72] MOSER, PETER, DE
[72] STAHL, KNUT, DE
[71] RWE POWER AKTIENGESELLSCHAFT, DE
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[54] **MIXTURE FOR TREATING FERTILISERS CONTAINING UREA**
[54] **MELANGE POUR TRAITER DES ENGRAIS A BASE D'UREE**
[72] PETERS, NILS, DE
[72] MANNHEIM, THOMAS, DE
[71] EUROCHEM AGRO GMBH, DE
[85] 2017-12-19
[86] 2016-06-22 (PCT/EP2016/064408)
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[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **NEW HYDROXYACID DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **NOUVEAUX DERIVES D'HYDROXYACIDE, LEUR PROCEDE DE PREPARATION, ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] SZLAVIK, ZOLTAN, HU
[72] PACZAL, ATTILA, HU
[72] BALINT, BALAZS, HU
[72] KOTSCHY, ANDRAS, HU
[72] CHANRION, MAIA, FR
[72] GENESTE, OLIVIER, FR
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] SIPOS, SZABOLCS, HU
[72] PROSZENYAK, AGNES, HU
[71] LES LABORATOIRES SERVIER, FR
[71] VERNALIS (R&D) LIMITED, GB
[85] 2017-12-19
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[25] EN
[54] **NEW BICYCLIC DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **NOUVEAUX DERIVES BICYCLIQUES, LEUR PROCEDE DE PREPARATION, ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] BALINT, BALAZS, HU
[72] CSEKEI, MARTON, HU
[72] SZABO, ZOLTAN, HU
[72] SZLAVIK, ZOLTAN, HU
[72] KOTSCHY, ANDRAS, HU
[72] CHANRION, MAIA, FR
[72] GENESTE, OLIVIER, FR
[72] CHEN, I-JEN, GB
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] SIPOS, SZABOLCS, HU
[72] ONDI, LEVENTE, HU
[72] PROSZENYAK, AGNES, HU
[71] LES LABORATOIRES SERVIER, FR
[71] VERNALIS (R&D) LIMITED, GB
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[25] EN
[54] **MINERALIZER FOR CALCIUM SULFOALUMINATE TERNESITE CEMENTS**
[54] **MINERALISATEUR POUR CIMENTS DE TERNESITE DE SULFOALUMINATE DE CALCIUM**
[72] BEN HAHA, MOHSEN, DE
[72] BULLERJAHN, FRANK, DE
[71] HEIDELBERGCEMENT AG, DE
[85] 2017-12-19
[86] 2016-06-16 (PCT/EP2016/001013)
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[25] EN
[54] **NEW HYDROXYESTER DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **NOUVEAUX DERIVES D'HYDROXYESTER, LEUR PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] SZLAVIK, ZOLTAN, HU
[72] KOTSCHY, ANDRAS, HU
[72] CHANRION, MAIA, FR
[72] DEMARLES, DIDIER, FR
[72] GENESTE, OLIVIER, FR
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] SIPOS, SZABOLCS, HU
[72] PACZAL, ATTILA, HU
[72] BALINT, BALAZS, HU
[71] VERNALIS (R&D) LIMITED, GB
[71] LES LABORATOIRES SERVIER, FR
[85] 2017-12-19
[86] 2016-06-22 (PCT/EP2016/064433)
[87] (WO2016/207225)
[30] FR (1555752) 2015-06-23

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[25] EN
[54] **NEW AMINOACID DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **NOUVEAUX DERIVES D'ACIDE AMINE, LEUR PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] SZLAVIK, ZOLTAN, HU
[72] SZABO, ZOLTAN, HU
[72] CSEKEI, MARTON, HU
[72] PACZAL, ATTILA, HU
[72] KOTSCHY, ANDRAS, HU
[72] BRUNO, ALAIN, FR
[72] GENESTE, OLIVIER, FR
[72] CHEN, I-JEN, GB
[72] DAVIDSON, JAMES EDWARD PAUL, GB
[72] MURRAY, JAMES BROOKE, GB
[72] ONDI, LEVENTE, HU
[72] RADICS, GABOR, HU
[72] SIPOS, SZABOLCS, HU
[72] PROSZENYAK, AGNES, HU
[72] PERRON-SIERRA, FRANCOISE, HU
[72] BALINT, BALAZS, HU
[71] VERNALIS (R&D) LIMITED, GB
[71] LES LABORATOIRES SERVIER, FR
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[86] 2016-06-22 (PCT/EP2016/064436)
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[30] FR (1555747) 2015-06-23

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[51] **Int.Cl. E04H 12/08 (2006.01) E04H 12/34 (2006.01)**
[25] EN
[54] **SUBSECTION OF A TOWER SECTION, A TOWER AND A METHOD FOR MANUFACTURING A SUBSECTION OF A TOWER SECTION**
[54] **SOUS-SECTION D'UNE SECTION DE TOUR, UNE TOUR ET UNE METHODE DE FABRICATION D'UNE SOUS-SECTION D'UNE SECTION DE TOUR**
[72] PORM, KARSTEN, DE
[72] BOCKHOLT, STEFAN, DE
[72] JAKOWSKI, KLAUS, DE
[72] AHRENS, ROBIN, DE
[72] BULL, MICHAEL, DE
[71] ENO ENERGY SYSTEMS GMBH, DE
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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **TARGETED ENRICHMENT OF LONG NUCLEOTIDE SEQUENCES USING MICROFLUIDIC PARTITIONING**
[54] **ENRICHISSEMENT CIBLE DE LONGUES SEQUENCES NUCLEOTIDIQUES UTILISANT UNE SEPARATION MICROFLUIDIQUE**
[72] MIKKELSEN, MARIE JUST, DK
[72] KVIST, THOMAS, DK
[72] MADSEN, ESBEN BJORN, DK
[71] SAMPLIX S.A.R.L., LU
[85] 2017-12-19
[86] 2016-06-24 (PCT/EP2016/064719)
[87] (WO2016/207379)
[30] US (62/185,111) 2015-06-26
[30] DK (PA 2015 70449) 2015-07-07

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[51] **Int.Cl. A01M 1/14 (2006.01) A01M 1/02 (2006.01)**
[25] EN
[54] **DEVICE FOR TRAPPING INSECTS**
[54] **DISPOSITIF PERMETTANT DE PIEGER DES INSECTES**
[72] LLORENTE ALONSO, JOAQUIN, ES
[72] GARCIA FABREGAS, RUBEN, ES
[71] ZOBELE HOLDING S.P.A., IT
[85] 2017-12-19
[86] 2016-06-27 (PCT/EP2016/064822)
[87] (WO2016/207430)
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[13] A1
[51] **Int.Cl. H01Q 7/08 (2006.01) H01Q 1/40 (2006.01)**
[25] EN
[54] **TILTED ANTENNA BOBBINS AND METHODS OF MANUFACTURE**
[54] **CARCASSES D'ANTENNE INCLINEES ET PROCEDES DE FABRICATION**
[72] HENSARLING, JESSE K., US
[72] RODNEY, PAUL F., US
[72] COBB, JAMES H., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-12-18
[86] 2015-07-27 (PCT/US2015/042186)
[87] (WO2017/019005)

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[13] A1
[51] **Int.Cl. A01M 1/20 (2006.01) A61L 9/03 (2006.01)**
[25] EN
[54] **ELECTRIC DEVICE FOR DISPENSING VOLATILE SUBSTANCES**
[54] **DISPOSITIF ELECTRIQUE POUR DISTRIBUER DES SUBSTANCES VOLATILES**
[72] LUQUE VERA, SERGIO, ES
[72] LLORENTE ALONSO, JOAQUIN, ES
[72] GARCIA FABREGAS, RUBEN, ES
[71] ZOBELE HOLDING S.P.A., IT
[85] 2017-12-19
[86] 2016-06-27 (PCT/EP2016/064835)
[87] (WO2016/207433)
[30] ES (P201530921) 2015-06-26

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[13] A1
[51] **Int.Cl. F16J 15/10 (2006.01) F16J 15/02 (2006.01)**
[25] EN
[54] **ANNULAR SEAL**
[54] **JOINT TORIQUE**
[72] NACHTMANN, ANTON, DE
[71] W.L. GORE & ASSOCIATES GMBH, DE
[85] 2017-12-19
[86] 2016-07-04 (PCT/EP2016/065708)
[87] (WO2017/005692)
[30] DE (10 2015 110 944.1) 2015-07-07

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[25] EN
[54] **NEUROTOXIN FOR USE IN THE TREATMENT OF PERSONALITY DISORDERS**
[54] **NEUROTOXINE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT DES TROUBLES DE LA PERSONNALITE**
[72] MAGID, MICHELLE, US
[72] KRUEGER, TILLMANN, DE
[72] WOLLMER, ALEX, DE
[71] MEDIZINISCHE HOCHSCHULE HANNOVER, DE
[71] ASKLEPIOS KLINIKEN HAMBURG GMBH, DE
[71] MAGID, MICHELLE, US
[85] 2017-12-19
[86] 2016-07-13 (PCT/EP2016/066699)
[87] (WO2017/016880)
[30] EP (15178301.6) 2015-07-24
[30] EP (15201745.5) 2015-12-21

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[51] **Int.Cl. B22F 3/10 (2006.01) B23K 26/144 (2014.01) B23K 26/70 (2014.01) B22F 3/105 (2006.01) B22F 7/06 (2006.01) B22F 7/08 (2006.01) B23K 26/34 (2014.01) B61D 17/08 (2006.01) B62D 25/00 (2006.01) C21D 1/08 (2006.01)**
[25] EN
[54] **REINFORCED STRUCTURAL COMPONENTS**
[54] **ELEMENTS STRUCTURAUX RENFORCES**
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[71] AUTOTECH ENGINEERING A.I.E., ES
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[72] GASPARI, FRANCO, CA
[71] INTRIENERGY INC., US
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[54] **ETALONNAGE DE RESEAUX ENTRELACES A VITESSE ELEVEE**
[72] MALKIN, MOSHE, US
[71] APPLIED MICRO CIRCUITS CORPORATION, US
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[54] **APPARATUS AND METHODS USING ACOUSTIC AND ELECTROMAGNETIC EMISSIONS**
[54] **APPAREIL ET PROCEDES UTILISANT DES EMISSIONS ACOUSTIQUES ET ELECTROMAGNETIQUES**
[72] RODNEY, PAUL F., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **WELL TESTING**
[54] **ESSAI DE PUITS**
[72] AL-NAKHLI, AYMAN RAJA, SA
[72] ABASS, HAZIM HUSSEIN, SA
[72] KHAN, MIRAJUDDIN RIAZUDDIN, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **PARTICLES WITH CROSS-LINKED COATINGS FOR COSMETIC APPLICATIONS**
[54] **PARTICULES POURVUES DE REVETEMENTS RETICULES POUR APPLICATIONS COSMETIQUES**
[72] BALIAN, RAFFI, US
[72] GRAY, TIMOTHY, US
[72] TSOLIS, PETER, US
[72] COHEN, ISAAC DAVID, US
[71] ELC MANAGEMENT LLC, US
[85] 2017-12-19
[86] 2016-06-15 (PCT/US2016/037566)
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[54] **METHOD FOR FORMING PARTICLES WITH CROSS-LINKED COATINGS FOR COSMETIC APPLICATIONS**
[54] **PROCEDE DE FORMATION DE PARTICULES AVEC DES REVETEMENTS RETICULES POUR APPLICATIONS COSMETIQUES**
[72] BALIAN, RAFFI, US
[72] GRAY, TIMOTHY, US
[72] TSOLIS, PETER, US
[72] COHEN, ISAAC DAVID, US
[71] ELC MANAGEMENT LLC, US
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[54] **3-ARYL-4-AMIDO-BICYCLIC [4,5,0] HYDROXAMIC ACIDS AS HDAC INHIBITORS**
[54] **ACIDES 3-ARYL-4-AMIDO-BICYCLO [4,5,0] HYDROXAMIQUES EN TANT QU'INHIBITEURS DE HDAC**
[72] ZHENG, XIAOZHANG, US
[72] NG, PUI YEE, US
[72] HAN, BINGSONG, US
[72] THOMASON, JENNIFER R., US
[72] ZABLOCKI, MARY-MARGARET, US
[72] LIU, CUIXIAN, US
[72] DAVIS, HEATHER, US
[72] RUDNITSKAYA, ALEKSANDRA, US
[72] LANCIA, DAVID, JR., US
[72] MILLAN, DAVID S., US
[72] MARTIN, MATTHEW W., US
[71] FORMA THERAPEUTICS, INC., US
[85] 2017-12-19
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[25] EN
[54] **METHODS AND APPARATUS FOR INDUCING A NON-FUNDAMENTAL WAVE MODE ON A TRANSMISSION MEDIUM**
[54] **PROCEDES ET APPAREIL POUR INDUIRE UN MODE D'ONDE NON FONDAMENTAL SUR UN SUPPORT DE TRANSMISSION**
[72] HENRY, PAUL SHALA, US
[72] BENNETT, ROBERT, US
[72] BARZEGAR, FARHAD, US
[72] GERSZBERG, IRWIN, US
[72] BARNICKEL, DONALD J., US
[72] WILLIS, THOMAS M., III, US
[72] GUNTIN, ED, US
[71] AT&T INTELLECTUAL PROPERTY I, L.P., US
[85] 2017-12-19
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[25] EN
[54] **ALKENYL SUBSTITUTED 2,5-PIPERAZINEDIONES AND THEIR USE IN COMPOSITIONS FOR DELIVERING AN AGENT TO A SUBJECT OR CELL**
[54] **2,5-PIPERAZINEDIONES SUBSTITUEES PAR UN ALCENYLE, ET LEUR UTILISATION DANS DES COMPOSITIONS DESTINEES A L'ADMINISTRATION D'UN AGENT A UN SUJET OU UNE CELLULE**
[72] ANDERSON, DANIEL GRIFFITH, US
[72] DORKIN, JOSEPH R., US
[72] FENTON, OWEN SHEA, US
[72] KAUFFMAN, KEVIN JOHN, US
[72] MCCLELLAN, REBECCA L., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[25] EN
[54] **METHOD AND APPARATUS FOR SELECTIVELY FOLDING ABSORBENT ARTICLES**
[54] **PROCEDE ET APPAREIL POUR LE PLIAGE SELECTIF D'ARTICLES ABSORBANTS**
[72] SCHNEIDER, UWE, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **MANAGEMENT AND CONTROL OF MOBILE COMPUTING DEVICE USING LOCAL AND REMOTE SOFTWARE AGENTS**
[54] **GESTION ET COMMANDE DE DISPOSITIF INFORMATIQUE MOBILE A L'AIDE D'AGENTS LOGICIELS LOCAUX ET DISTANTS**
[72] DAY, ROWLAND WILLIAM, II, US
[72] WISE, ERIC JOHN, US
[72] MA, TIENSHIAO, US
[72] PALAFOX, MANUEL CALAYCAY, US
[72] CHU, KELLY, US
[72] SIGLER, STEVEN, US
[71] WEBSAFETY, INC., US
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[25] EN
[54] **PROCESS FOR MANUFACTURING METHYL TERTIARY-BUTYL ETHER (MTBE) AND HYDROCARBONS**
[54] **PROCEDE DE FABRICATION D'ETHER DE METHYLE ET DE TERT-BUTYLE (MTBE) ET D'HYDROCARBURES**
[72] AXELROD, MICHAEL G., US
[72] COLEMAN, STEVEN T., US
[71] LYONDELL CHEMICAL TECHNOLOGY, L.P., US
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[54] **DISPOSITIF D'EPILATION JETABLE A DISTRIBUTION DE FLUIDE**
[72] HODGSON, MATTHEW JAMES, GB
[72] SHOREY, ANTHONY WILLIAM, GB
[72] CATON, NICOLA LOUISE, GB
[71] THE GILLETTE COMPANY LLC, US
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[25] EN
[54] **COMPOSITIONS FOR ADHERING SEASONINGS ON FOOD SUBSTRATES**
[54] **COMPOSITION PERMETTANT DE FAIRE ADHERER DES ASSAISONNEMENTS SUR DES SUBSTRATS ALIMENTAIRES**
[72] BUSBY, MOLLY I-CHIN, US
[72] GOODING, ZACHARY K., US
[72] MACKINNON, JOHN, US
[71] MORTON SALT, INC., US
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[54] **COMPOSITION FOR DELIVERY OF ACTIVE AGENTS TO AN ANIMAL**
[54] **COMPOSITION POUR L'ADMINISTRATION D'AGENTS ACTIFS A UN ANIMAL**
[72] HAREL, MORDECHAI, US
[72] KAMBALAPALLY, SWETHA, US
[71] ADVANCED BIONUTRITION CORP., US
[85] 2017-12-19
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[54] **LUBRICATING MEMBERS FOR RAZOR CARTRIDGES**
[54] **ELEMENTS LUBRIFIANTS POUR CARTOUCHES DE RASOIR**
[72] STEPHENS, ALISON FIONA, GB
[72] ROWE, CORALIE CLAUDE MONIQUE, GB
[71] THE GILLETTE COMPANY LLC, US
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[25] EN
[54] **MODIFIED FACTOR IX, AND COMPOSITIONS, METHODS AND USES FOR GENE TRANSFER TO CELLS, ORGANS AND TISSUES**
[54] **FACTEUR IX MODIFIE, ET COMPOSITIONS, METHODES ET UTILISATIONS POUR UN TRANSFERT DE GENES DANS DES CELLULES, DES ORGANES ET DES TISSUS**
[72] HIGH, KATHERINE A., US
[72] ANGUELA, XAVIER, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
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[54] **INHIBITEURS DE VMAT2 POUR LE TRAITEMENT DE MALADIES OU TROUBLES NEUROLOGIQUES**
[72] O'BRIEN, CHRISTOPHER F., US
[71] NEUROCRINE BIOSCIENCES, INC., US
[85] 2017-12-19
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[30] US (62/183,530) 2015-06-23
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[30] US (62/248,803) 2015-10-30
[30] US (62/251,007) 2015-11-04
[30] US (62/251,009) 2015-11-04
[30] US (62/251,012) 2015-11-04
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[30] US (62/251,019) 2015-11-04
[30] US (62/251,023) 2015-11-04
[30] US (62/262,856) 2015-12-03
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[30] US (62/290,839) 2016-02-03
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[54] **CASCADED SWITCH BETWEEN PLURALITIES OF LNAS**
[54] **COMMUTATEUR EN CASCADE ENTRE DES PLURALITES D'AMPLIFICATEURS A FAIBLE BRUIT**
[72] CHANG, LI-CHUNG, US
[72] DAI, LIANG, US
[72] GUDEM, PRASAD SRINIVASA SIVA, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-12-19
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[25] EN
[54] **LIPIDS AND LIPID NANOPARTICLE FORMULATIONS FOR DELIVERY OF NUCLEIC ACIDS**
[54] **FORMULATIONS DE LIPIDES ET DE NANOPARTICULES DE LIPIDES POUR L'ADMINISTRATION D'ACIDES NUCLEIQUES**
[72] DU, XINYAO, CA
[72] ANSELL, STEVEN M., CA
[71] ACUITAS THERAPEUTICS INC., CA
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[30] US (62/186,210) 2015-06-29

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[54] **COATINGS FOR PLASTIC SUBSTRATES**
[54] **REVETEMENTS POUR SUBSTRATS EN MATIERE PLASTIQUE**
[72] WANG, WEI, US
[72] ZHOU, HONGYING, US
[72] OLSON, KURT G., US
[72] MARTZ, JOHNATHAN T., US
[72] JANOSKI, RICHARD A., SR., US
[72] HUMBERT, LEIGH ANN, US
[72] FENN, DAVID R., US
[72] ZIEGLER, TERRI L., US
[71] PPG INDUSTRIES OHIO, INC., US
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[86] 2016-06-24 (PCT/US2016/039393)
[87] (WO2017/003879)
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[25] EN
[54] **PHARMACEUTICAL FORMULATIONS COMPRISING TENOFOVIR AND EMTRICITABINE**
[54] **FORMULATIONS PHARMACEUTIQUES COMPRENANT DU TENOFOVIR ET DE L'EMTRICITABINE**
[72] KOZIARA, JOANNA M., US
[72] MCCALLISTER, SCOTT, US
[71] GILEAD SCIENCES, INC., US
[85] 2017-12-19
[86] 2016-06-29 (PCT/US2016/040158)
[87] (WO2017/004244)
[30] US (62/187,113) 2015-06-30
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[25] EN
[54] **LOW-DUST PRODUCTS USING A WAX EMULSION**
[54] **PRODUITS A FAIBLE TENEUR EN POUSSIERE A L'AIDE D'UNE EMULSION DE CIRE**
[72] AYAMBEM, AMBA, US
[71] HENRY COMPANY, LLC, US
[85] 2017-12-19
[86] 2016-06-29 (PCT/US2016/040062)
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[51] **Int.Cl. C07K 16/22 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR PERFORMING HISTOCHEMICAL ASSAYS FOR HUMAN PRO-EPIREGULIN AND AMPHIREGULIN**
[54] **MATERIAUX ET PROCEDES PERMETTANT D'EFFECTUER DES ANALYSES HISTOCHIMIQUES POUR LA PRO-EPIREGULINE HUMAINE ET L'AMPHIREGULINE HUMAINE**
[72] SINGH, SHALINI, US
[72] ZHU, YIFEI, US
[72] LIAO, ZHIMING, US
[72] MURANYI, ANDREA, US
[72] SHANMUGAM, KANDAVEL, US
[72] COUTO, FERNANDO, US
[71] SPRING BIOSCIENCE CORPORATION, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2017-12-19
[86] 2016-06-27 (PCT/EP2016/064883)
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[25] EN
[54] **CRYSTALLINE FUMARATE SALT OF (S)-[3,4-DIFLUORO-2-(2-FLUORO-4-IODOPHENYLAMINO)PHENYL] [3-HYDROXY-3-(PIPERIDIN-2-YL) AZETIDIN-1-YL]-METHANONE**
[54] **SEL CRISTALLIN DE FUMARATE DE (S)-[3,4-DIFLUORO-2-(2-FLUORO-4-IODOPHENYLAMINO)PHENYL][3-HYDROXY-3-(PIPERIDIN-2-YL)AZETIDIN-1-YL]-METHANONE**
[72] BROWN, ADRIAN ST. CLAIR, GB
[71] EXELIXIS, INC., US
[85] 2017-12-19
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[30] US (62/187,009) 2015-06-30

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[51] **Int.Cl. B22F 1/00 (2006.01) A61K 9/51 (2006.01) B22F 9/24 (2006.01)**
[25] EN
[54] **ANISOTROPIC PARTICLES, METHODS AND USES THEREOF**
[54] **PARTICULES ANISOTROPES, LEURS PROCEDES ET LEURS UTILISATIONS**
[72] KIRCHER, MORITZ, US
[72] WALL, MATTHEW, US
[72] HARMSEN, STEFAN, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[30] US (62/187,703) 2015-07-01

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[51] **Int.Cl. G01F 1/74 (2006.01) G01F 1/66 (2006.01) G01N 21/17 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NEAR-INFRARED BASED WATER CUT MONITORING IN MULTIPHASE FLUID FLOW**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLANCE DE LA TENEUR EN EAU BASEE SUR LE PROCHE INFRAROUGE DANS UN ECOULEMENT FLUIDIQUE POLYPHASIQUE**
[72] AHMAD, TALHA JAMAL, SA
[72] NOUI-MEHIDI, MOHAMED NABIL, SA
[72] ARSALAN, MUHAMMAD, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2017-12-19
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[72] KEHRES, CLINTON E., US
[72] JOSEPH, BENJAMIN ISAIAH, US
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[54] **DERIVES DE 3-TETRAZOLYL-BENZENE-1,2-DISULFONAMIDE EN TANT QU'INHIBITEURS DE METALLO-BETA-LACTAMASE**
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[72] JIANG, JINLONG, US
[72] PASTERNAK, ALEXANDER, US
[72] DONG, SHUZHI, US
[72] GU, XIN, US
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[54] **PROCEDES D'INHIBITION DU DEPOT DE CONTAMINANTS ORGANIQUES DANS DES SYSTEMES DE FABRICATION DE DE PATE A PAPIER ET DE PAPIER**
[72] LING, TIEN-FENG, US
[72] LIU, ZHAOQING, US
[72] BOTTORFF, KYLE J., US
[71] SOLENIS TECHNOLOGIES, L.P., CH
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[54] **ALLELES DE SYNTHASE II D'AMIDON DE GRAINES DE CEREALES ET LEURS UTILISATIONS**
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[71] MONTANA STATE UNIVERSITY, US
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[54] **RESEAUX DE DISTRIBUTION DE PRESSION ALIGNES DE CELLULES DE VIDE D'AMORTISSEMENT**
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[72] SUGANO, ERIC WILLIAM, US
[71] SKYDEX TECHNOLOGIES, INC., US
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[54] **METHOD FOR INDUCING EARLY T MEMORY RESPONSE WITH SHORT PEPTIDES ANTI-TUMOR VACCINE**
[54] **PROCEDE PERMETTANT D'INDUIRE UNE REPONSE DE MEMOIRE T PRECOCE AVEC UN VACCIN ANTI-TUMEUR A PEPTIDES COURTS**
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[54] **BANDE ALMG A HAUTE RESISTANCE AISEMENT FACONNABLE ET PROCEDE DE PRODUCTION DE CELLE-CI**
[72] ENGLER, OLAF, DE
[72] BRINKMAN, HENK-JAN, DE
[71] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
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[54] **METHODE DE DIAGNOSTIC DES TROUBLES CAUSES PAR L'ALCOOLISATION FOETALE**
[72] GONZALES, BRUNO JOSE, FR
[72] MARRET, STEPHANE, FR
[72] LECUYER, MATTHIEU JEAN ALEXANDRE, FR
[72] LAQUERRIERE, ANNIE, FR
[72] BEKRI, SOUMEYA, FR
[72] LESUEUR, CELINE, FR
[72] JEGOU, SYLVIE MARGUERITE ALBERTE, FR
[72] MARCORELLES, PASCALE YVONNE JOSEPHINE, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE ROUEN, FR
[71] UNIVERSITE DE ROUEN NORMANDIE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
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[54] **ANTICORPS MONOCLONAUX ANTI-IL-1RACP**
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[72] BRANDT, MICHAEL, DE
[71] MAB DISCOVERY GMBH, DE
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[54] **ESTERS DE LACTAME STEROIDE ET DERIVES D'ACIDE BIS (2-CHLOROETHYL)AMINOPHENOXY PROPANOIQUE**
[72] TRAFALIS, DIMITRIOS, GR
[71] ENERGONBIO TECHNOLOGIES S.A., GR
[71] GALENICA S.A., GR
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[54] **EVALUATION ET TRAITEMENT D'UN ORGANE ISOLE**
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[72] SIGVARDSSON, ANNE-LI, SE
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[54] **METHOD AND SYSTEM FOR OBTAINING HYDROGEN FROM A FEED MIXTURE WHICH CONTAINS HYDROGEN AND HYDROCARBONS**
[54] **PROCEDE ET INSTALLATION POUR RECUPERER DE L'HYDROGENE A PARTIR D'UN MELANGE DE CHARGE CONTENANT DE L'HYDROGENE ET DES HYDROCARBURES**
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[72] KUHN, PAUL, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **SYSTEME DE CLIMATISATION D'UN BATIMENT**
[72] MARTINEZ, PATRICE, FR
[72] CAYUELA, JACQUES, FR
[72] ZENG EYINDANGA, LANDRY STEPHANE, FR
[71] BULL SAS, FR
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[54] **PROCEDES DE PURIFICATION ET/OU D'INACTIVATION VIRALE**
[72] AHARONOV, JENNY, NL
[72] EREZ, ELINOR, NL
[72] HAROSH, ELI, NL
[71] FERRING B.V., NL
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[72] MARGARIT Y ROS, IMMACULADA, IT
[72] ROSINI, ROBERTO, IT
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
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[54] **CASQUE**
[72] HALLDIN, PETER, SE
[72] LANNER, DANIEL, SE
[72] THIEL, JOHAN, SE
[71] MIPS AB, SE
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[25] EN
[54] **MEANS AND METHODS FOR DIAGNOSING PANCREATIC CANCER IN A SUBJECT BASED ON A BIOMARKER PANEL**
[54] **MOYENS ET PROCEDES POUR DIAGNOSTIQUER UN CANCER DU PANCREAS CHEZ UN SUJET SUR LA BASE D'UN PANNEAU DE BIOMARQUEUR**
[72] KAMLAGE, BEATE, DE
[72] RESZKA, REGINA, DE
[72] SCHATZ, PHILIPP, DE
[72] DOSTLER, MARTIN, DE
[72] CARVALHO, SUSAN, DE
[72] PETER, ERIK, DE
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[72] KALTHOFF, HOLGER, DE
[72] SCHNIEWIND, BODO, DE
[72] MAYERLE, JULIA, DE
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[54] **SYSTEMES ET PROCEDES POUR AMELIORER UNE IMAGERIE RADAR A SYNTHESE D'OUVERTURE**
[72] BECKETT, KEITH DENNIS RICHARD, CA
[72] TYC, GEORGE, CA
[71] KING ABDULAZIZ CITY OF SCIENCE AND TECHNOLOGY, SA
[71] URTHECAST CORP., CA
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[54] **PROGNOSIS AND MONITORING OF MEMBRANOUS NEPHROPATHY BASED ON THE ANALYSIS OF PLA2R1 EPITOPE PROFILE AND SPREADING**
[54] **PRONOSTIC ET SURVEILLANCE DE NEPHROPATHIE MEMBRANEUSE SUR LA BASE DE L'ANALYSE DE PROFIL ET D'ETALEMENT D'EPITOPE DE PLA2R1**
[72] ESNAULT, VINCENT LOUIS MARIE, FR
[72] POLSKI, BARBARA, FR
[72] LAMBEAU, GERARD JEAN FRANTZ, FR
[72] DOLLA, GUILLAUME, FR
[71] CHU DE NICE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS-, FR
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[54] **DISPOSITIF D'EPISSURE DE CAGES DE RENFORCEMENT**
[72] RENDER, STEPHEN, GB
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[54] **STRUCTURE D'ACCOUPLEMENT DE ROBINET**
[72] LEE, DO KYEONG, KR
[72] LEE, YONG WOON, KR
[71] IDIN LAB, INC., KR
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[54] **SYSTEME DE CHIRURGIE DE CATARACTE A LASER DE SOUS-NANOSECONDE**
[72] VANKOV, ALEXANDER, US
[71] OPTIMEDICA CORPORATION, US
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[25] EN
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[54] **POLYMERES A BASE DE FARNESENE ET COMPOSITIONS ADHESIVES LIQUIDES OPTIQUEMENT TRANSPARENTES LES COMPRENANT**
[72] YOO, TAEJUN, US
[72] CHAO, HERBERT, US
[72] HENNING, STEVEN K., US
[71] FINA TECHNOLOGY, INC., US
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[54] **DOOR SYSTEMS AND METHODS FOR BOATS**
[54] **SYSTEMES DE PORTE ET PROCEDE POUR BATEAUX**
[72] DAY, THOMAS M., US
[71] DAY, THOMAS M., US
[85] 2017-12-20
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[25] EN
[54] **PERCUTANEOUS SYSTEM AND METHODS FOR ENHANCED EPIDURAL ACCESS FOR SPINE SURGERY**
[54] **SYSTEME ET PROCEDES PERCUTANES D'ACCES PERIDURAL AMELIORE POUR LA CHIRURGIE DE LA COLONNE VERTEBRALE**
[72] TAHA, ASHRAF, US
[71] TRUMINIM, LLC, US
[85] 2017-12-20
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[25] EN
[54] **LUBRICANT COMPOSITIONS COMPRISING DIOL FUNCTIONAL GROUPS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS LUBRIFIANTES COMPRENANT DES GROUPES FONCTIONNELS DIOL ET PROCEDES POUR LES FABRIQUER ET LES UTILISER**
[72] NG, MAN KIT, US
[72] HAQUE, TABASSUMUL, US
[72] PELLETTIERE, JOSEPH R., US
[72] CHENG, HONG, US
[72] PEIFFER, DENNIS G., US
[72] HENAO, JUAN D., US
[72] IACCINO, LARRY L., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
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[25] EN
[54] **SUB-NANOSECOND LASER SURGERY SYSTEM UTILIZING MULTIPLE PULSED LASER BEAMS**
[54] **SYSTEME DE CHIRURGIE AU LASER SOUS-NANOSECONDE UTILISANT DE MULTIPLES FAISCEAUX LASERS PULSES**
[72] SCHUELE, GEORG, US
[72] ANDERSEN, DANIEL J., US
[72] VANKOV, ALEXANDER, US
[72] GOODING, PHILLIP H., US
[71] OPTIMEDICA CORPORATION, US
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[30] US (62/187,771) 2015-07-01
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[51] **Int.Cl. F16F 1/368 (2006.01) B60G 11/12 (2006.01)**
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[54] **COMPOSITE SUSPENSION COMPONENTS**
[54] **ELEMENTS COMPOSITES DE SUSPENSION**
[72] ZAWACKI, JEFFREY R., US
[72] KEELER, MICHAEL J., US
[72] MASSA, SCOTT ALLEN, US
[72] RUBALSKIY, DMITRIY ENRIKOVICH, US
[71] HENDRICKSON USA, L.L.C., US
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[30] US (62/183,043) 2015-06-22

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[51] **Int.Cl. E06B 3/66 (2006.01) E06B 3/663 (2006.01) E06B 3/673 (2006.01) E06B 3/677 (2006.01)**
[25] EN
[54] **VACUUM INSULATING GLASS (VIG) UNIT WITH PUMP-OUT PORT SEALED USING METAL SOLDER SEAL, AND/OR METHOD OF MAKING THE SAME**
[54] **UNITE DE VERRE D'ISOLATION SOUS VIDE (VIG) AYANT UN ORIFICE DE VIDANGE SCELLE A L'AIDE DE JOINT DE SOUDAGE METALLIQUE ET/OU SON PROCEDE DE FABRICATION**
[72] VEERASAMY, VIJAYEN S., US
[72] TUCKER, PATRICIA, US
[71] GUARDIAN GLASS, LLC, US
[85] 2017-12-20
[86] 2016-06-09 (PCT/US2016/036620)
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[30] US (62/187,797) 2015-07-01
[30] US (15/170,265) 2016-06-01

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[25] EN
[54] **METHOD FOR PRODUCING A LAMINATE CONSISTING OF A BACKING SHEET AND DECORATIVE PAPER**
[54] **PROCEDE DE FABRICATION D'UN STRATIFIE COMPOSE D'UNE PLAQUE DE SUPPORT ET D'UN PAPIER DECORATIF**
[72] KALWA, NORBERT, DE
[71] FLOORING TECHNOLOGIES LTD., MT
[85] 2017-12-20
[86] 2016-06-21 (PCT/EP2016/064291)
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[30] EP (15177033.6) 2015-07-16

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[13] A1
[51] **Int.Cl. B05B 5/03 (2006.01) C23C 4/01 (2016.01) C03C 27/04 (2006.01) E06B 3/66 (2006.01) E06B 3/663 (2006.01) E06B 3/673 (2006.01) E06B 3/677 (2006.01)**
[25] EN
[54] **VACUUM INSULATING GLASS (VIG) UNIT WITH METALLIC PERIPHERAL EDGE SEAL AND/OR METHODS OF MAKING THE SAME**
[54] **UNITE DE VERRE ISOLANT SOUS VIDE (VIG) AYANT UN JOINT DE BORD PERIPHERIQUE METALLIQUE ET/OU SES PROCEDES DE FABRICATION**
[72] VEERASAMY, VIJAYEN S., US
[72] TUCKER, PATRICIA, US
[72] BRACAMONTE, MARTIN D., US
[71] GUARDIAN GLASS, LLC, US
[85] 2017-12-20
[86] 2016-06-10 (PCT/US2016/036802)
[87] (WO2017/003663)
[30] US (14/789,444) 2015-07-01

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[13] A1
[51] **Int.Cl. B01D 53/047 (2006.01) B01D 53/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COMPRESSING AND DRYING A GAS**
[54] **PROCEDE ET APPAREIL DE COMPRESSION ET DE SECHAGE DE GAZ**
[72] KITCHENER, ANTHONY JOHN, AU
[71] ATELIERS FRANCOIS BRASSEUR, BE
[85] 2017-12-20
[86] 2016-06-22 (PCT/EP2016/064455)
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[30] EP (15173873.9) 2015-06-25

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[51] **Int.Cl. C08K 3/22 (2006.01) C08J 3/22 (2006.01) C08J 3/24 (2006.01) C08J 3/28 (2006.01) C08J 7/12 (2006.01) C08K 5/00 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **RADIATION CROSSLINKED FLUOROPOLYMER COMPOSITIONS CONTAINING LOW LEVEL OF EXTRACTABLE FLUORIDES**
[54] **COMPOSITIONS DE FLUOROPOLYMERE RETICULE PAR RAYONNEMENT CONTENANT UN FAIBLE TAUX DE FLUORURES EXTRACTIBLES**
[72] SHIH, KEITH S., US
[72] HENDERSHOT, RONALD E., US
[72] LIN, GEORGE, US
[71] DAIKIN AMERICA, INC., US
[85] 2017-12-20
[86] 2016-06-24 (PCT/US2016/039337)
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[30] US (14/751,345) 2015-06-26

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[51] **Int.Cl. A01H 1/02 (2006.01)**
[25] EN
[54] **GRAIN PRODUCTION**
[54] **PRODUCTION DE CEREALES**
[72] COPE, JASON, US
[72] KRONE, TODD, US
[72] SINGLETARY, GEORGE, US
[71] ACCELERATED AG TECHNOLOGIES, LLC, US
[85] 2017-12-20
[86] 2016-06-24 (PCT/US2016/039355)
[87] (WO2016/210324)
[30] US (62/184,596) 2015-06-25
[30] US (62/269,531) 2015-12-18
[30] US (62/269,496) 2015-12-18
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[13] A1
[51] **Int.Cl. A01H 1/02 (2006.01)**
[25] EN
[54] **SEED PRODUCTION**
[54] **PRODUCTION DE SEMENCES**
[72] COPE, JASON, US
[72] KRONE, TODD, US
[72] SINGLETARY, GEORGE, US
[71] ACCELERATED AG TECHNOLOGIES, LLC, US
[85] 2017-12-20
[86] 2016-06-24 (PCT/US2016/039339)
[87] (WO2016/210315)
[30] US (62/184,596) 2015-06-25
[30] US (62/269,514) 2015-12-18
[30] US (62/269,531) 2015-12-18
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[51] **Int.Cl. A61K 8/894 (2006.01) A61K 8/02 (2006.01) A61K 8/31 (2006.01) A61K 8/34 (2006.01) A61Q 9/02 (2006.01) B26B 21/44 (2006.01)**
[25] EN
[54] **LUBRICATING MEMBERS FOR RAZOR CARTRIDGES**
[54] **ELEMENTS DE LUBRIFICATION POUR CARTOUCHES DE RASOIR**
[72] STEPHENS, ALISON FIONA, GB
[72] REESE, POPPY CLEA, GB
[71] THE GILLETTE COMPANY LLC, US
[85] 2017-12-20
[86] 2016-06-27 (PCT/US2016/039485)
[87] (WO2017/003901)
[30] EP (15174439.8) 2015-06-30

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[51] **Int.Cl. C10G 11/18 (2006.01) B01J 8/00 (2006.01) B01J 8/18 (2006.01)**
[25] EN
[54] **SPENT CATALYST STANDPIPES**
[54] **"STANDPIPES" POUR CATALYSEUR USE**
[72] CARROLL, CIAN SEAMUS, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-12-20
[86] 2016-06-28 (PCT/US2016/039727)
[87] (WO2017/003991)
[30] US (62/187,286) 2015-07-01

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[13] A1
[51] **Int.Cl. C10G 3/00 (2006.01)**
[25] EN
[54] **BIOMASS CONVERSION PROCESS USING AMORPHOUS SILICA ALUMINA TO OBTAIN A MONOOXYGENATED STREAM**
[54] **PROCEDE DE CONVERSION DE BIOMASSE A L'AIDE D'UNE SILICE-ALUMINE AMORPHE POUR OBTENIR UN FLUX MONO-OXYGENE**
[72] JOHNSON, KIMBERLY ANN, US
[72] POWELL, JOSEPH BROUN, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-12-20
[86] 2016-06-28 (PCT/US2016/039736)
[87] (WO2017/003996)
[30] US (62/186,941) 2015-06-30

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[51] **Int.Cl. C10G 3/00 (2006.01)**
[25] EN
[54] **BIOMASS CONVERSION PROCESS USING AMORPHOUS SILICA ALUMINA TO OBTAIN A MONOOXYGENATED STREAM**
[54] **PROCEDE DE CONVERSION DE BIOMASSE A L'AIDE D'ALUMINE-SILICE AMORPHE POUR OBTENIR UN FLUX MONOOXYGENE**
[72] POWELL, JOSEPH BROUN, US
[72] JOHNSON, KIMBERLY ANN, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[86] 2016-06-28 (PCT/US2016/039742)
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[25] EN
[54] **METHODS AND APPARATUS TO DETERMINE PRODUCTION OF DOWNHOLE PUMPS**
[54] **PROCEDES ET APPAREIL DE DETERMINATION DE LA PRODUCTION DE POMPES DE FOND DE TROU**
[72] MILLS, THOMAS MATTHEW, US
[71] BRISTOL, INC., D/B/A REMOTE AUTOMATION SOLUTIONS, US
[85] 2017-12-20
[86] 2016-06-29 (PCT/US2016/039939)
[87] (WO2017/004110)
[30] US (14/753,335) 2015-06-29

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[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/10 (2006.01)**
[25] EN
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[54] **DOSAGE DU RECEPTEUR EGFR**
[72] WUITSCHICK, JEFFREY D., US
[72] NELSON, KEVIN S., US
[72] HUANG, SHIHAI, US
[72] KULAR, RUPINDER, US
[72] MULLEN, CAROLYN, US
[72] RHOADS, JAMES, US
[71] ABBOTT MOLECULAR INC., US
[85] 2017-12-20
[86] 2016-06-23 (PCT/US2016/039041)
[87] (WO2016/210147)
[30] US (62/183,566) 2015-06-23

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/18 (2006.01) C07K 14/475 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **ANTI-VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR 2 (VEGFR2) ANTIBODIES**
[54] **ANTICORPS ANTI-RECEPTEUR 2 DU FACTEUR DE CROISSANCE ENDOTHELIAL VASCULAIRE (VEGFR2)**
[72] JIANG, WEI-DONG, US
[72] LIN, PEI-HUA, US
[72] TSENG, CHI-LING, TW
[71] HENLIUS BIOTECH CO., LTD., CN
[85] 2017-12-20
[86] 2016-06-29 (PCT/US2016/040183)
[87] (WO2017/004254)
[30] US (62/187,204) 2015-06-30

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[51] **Int.Cl. A61M 5/158 (2006.01) A61M 5/142 (2006.01) A61M 5/145 (2006.01) A61M 5/28 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **NEEDLE CONTROL AND DRUG MIXING SYSTEMS FOR A FLUID DELIVERY DEVICE**
[54] **SYSTEMES DE COMMANDE D'AIGUILLE ET DE MELANGE DE MEDICAMENTS POUR UN DISPOSITIF DE DISTRIBUTION DE FLUIDE**
[72] JOHNSON, MATTHEW P., US
[72] GREGORY, CHRISTOPHER C., US
[71] VALERITAS, INC., US
[85] 2017-12-20
[86] 2016-06-30 (PCT/US2016/040281)
[87] (WO2017/004315)
[30] US (62/188,464) 2015-07-02

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[51] **Int.Cl. A61K 31/501 (2006.01) C07D 207/00 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **GLS1 INHIBITORS FOR TREATING DISEASE**
[54] **INHIBITEURS DE GLS1 POUR LE TRAITEMENT DE MALADIES**
[72] LEWIS, RICHARD THOMAS, US
[72] JONES, PHILIP, US
[72] PETROCCHI, ALESSIA, US
[72] REYNA, NAPHTALI, US
[72] HAMILTON, MATTHEW, US
[72] SOTH, MICHAEL J., US
[72] HEFFERNAN, TIMOTHY, US
[72] HAN, MICHELLE, US
[72] BURKE, JASON P., US
[71] BOARD OF REGENTS, UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-12-20
[86] 2016-06-30 (PCT/US2016/040364)
[87] (WO2017/004359)
[30] US (62/187,160) 2015-06-30
[30] US (62/270,355) 2015-12-21

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[13] A1
[51] **Int.Cl. E21B 17/07 (2006.01) E21B 47/017 (2012.01) E21B 17/00 (2006.01)**
[25] EN
[54] **ISOLATOR**
[54] **ISOLATEUR**
[72] BROWN, MICHAEL R., US
[72] CARABALLO, SAMUEL, US
[72] KEITHLY, ADAM, US
[72] CUNE, GREGG, US
[72] OWENS, JONATHAN, US
[71] LORD CORPORATION, US
[85] 2017-12-20
[86] 2016-06-30 (PCT/US2016/040453)
[87] (WO2017/004399)
[30] US (62/186,601) 2015-06-30

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[51] **Int.Cl. B65D 5/02 (2006.01) B65D 5/42 (2006.01) B65D 5/468 (2006.01) B65D 5/48 (2006.01) B65D 5/54 (2006.01) B65D 5/70 (2006.01) B65D 71/24 (2006.01) B65D 71/32 (2006.01) B65D 71/34 (2006.01)**
[25] EN
[54] **MODULAR CARTON**
[54] **CARTON MODULAIRE**
[72] SPIVEY, RAYMOND R., SR., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2017-12-20
[86] 2016-07-28 (PCT/US2016/044448)
[87] (WO2017/019853)
[30] US (62/282,271) 2015-07-29
[30] US (62/282,661) 2015-08-07

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[13] A1
[51] **Int.Cl. C07K 16/32 (2006.01) A61K 39/395 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY WITH AN ANTI-HER2 ANTIBODY-DRUG CONJUGATE AND A BCL-2 INHIBITOR**
[54] **POLYTHERAPIE AVEC UN CONJUGUE MEDICAMENT-ANTICORPS ANTI-HER2 ET UN INHIBITEUR DE BCL -2**
[72] PHILLIPS, GAIL LEWIS, US
[72] SAMPATH, DEEPAK, US
[72] WERTZ, INGRID, US
[71] GENENTECH, INC., US
[85] 2017-12-20
[86] 2016-07-06 (PCT/US2016/041184)
[87] (WO2017/007846)
[30] US (62/189,610) 2015-07-07

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[13] A1
[51] **Int.Cl. B65D 3/24 (2006.01) B65D 5/49 (2006.01) B65D 85/62 (2006.01)**
[25] EN
[54] **CONTAINER FOR STACKED FOODSTUFF**
[54] **CONTENANT POUR DENREES ALIMENTAIRES EMPILEES**
[72] BAER, JOHN HUMBERT, US
[71] KELLOGG COMPANY, US
[85] 2017-12-20
[86] 2016-07-14 (PCT/US2016/042189)
[87] (WO2017/011616)
[30] US (62/192,678) 2015-07-15

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[51] **Int.Cl. G01V 3/14 (2006.01) G01N 24/08 (2006.01) G01R 33/383 (2006.01) G01R 33/44 (2006.01)**
[25] EN
[54] **A MODIFIED HALBACH NMR ARRAY SENSOR FOR ANALYZING CORE OR FLUID SAMPLES FROM A SUBSURFACE FORMATION**
[54] **CAPTEUR DE RESEAU RMN DE TYPE HALBACH MODIFIE PERMETTANT D'ANALYSER DES ECHANTILLONS DE CAROTTE OU DE FLUIDE PROVENANT D'UNE FORMATION SOUTERRAINE**
[72] SELTZER, SCOTT JEFFREY, US
[72] WANG, HAIJING, US
[72] SUN, BOQIN, US
[71] CHEVRON U.S.A. INC., US
[85] 2017-12-20
[86] 2016-07-15 (PCT/US2016/042429)
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[30] US (14/811,906) 2015-07-29

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[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4184 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **4-(3-PYRAZOLYLAMINO)-BENZIMIDAZOLE COMPOUNDS AND THEIR USE AS JAK1 INHIBITORS**
[54] **COMPOSES 4-(3-PYRAZOLYLAMINO)-BENZIMIDAZOLE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE JAK1**
[72] CLAYTON, JOSHUA RYAN, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-12-20
[86] 2016-07-28 (PCT/US2016/044410)
[87] (WO2017/023672)
[30] US (62/200,684) 2015-08-04

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[13] A1
[51] **Int.Cl. B32B 7/02 (2006.01) B32B 13/02 (2006.01) B32B 13/04 (2006.01) B32B 13/08 (2006.01) B32B 13/14 (2006.01) C04B 28/14 (2006.01) E04C 2/04 (2006.01)**
[25] EN
[54] **COMPOSITE GYPSUM BOARD AND METHODS RELATED THERETO**
[54] **PANNEAU DE PLATRE COMPOSITE ET PROCEDES ASSOCIES**
[72] LI, ALFRED C., US
[72] SONG, WEIXIN D., US
[72] SANG, YIJUN, US
[72] DIEFENBACHER, GREGG G., US
[72] VILINSKA, ANNAMARIA, US
[72] CHRIST, BRIAN J., US
[72] JONES, FREDERICK T., US
[72] TODD, BRADLEY W., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2017-12-19
[86] 2016-06-22 (PCT/US2016/038737)
[87] (WO2016/209942)
[30] US (62/184,060) 2015-06-24
[30] US (62/290,361) 2016-02-02
[30] US (15/186,176) 2016-06-17
[30] US (15/186,212) 2016-06-17
[30] US (15/186,232) 2016-06-17
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[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR HE-SIGB ENCODING**
[54] **PROCEDES ET APPAREIL D'ENCODAGE HE-SIGB**
[72] BHARADWAJ, ARJUN, US
[72] TIAN, BIN, US
[72] VERMANI, SAMEER, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-12-20
[86] 2016-08-09 (PCT/US2016/046157)
[87] (WO2017/027510)
[30] US (62/203,351) 2015-08-10
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[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) G06F 21/57 (2013.01)**
[25] EN
[54] **AUTOMATED ELECTRONIC COMPUTING AND COMMUNICATION SYSTEM EVENT ANALYSIS AND MANAGEMENT**
[54] **ANALYSE ET GESTION D'EVENEMENTS DE SYSTEME DE CALCUL ELECTRONIQUE AUTOMATISE ET DE COMMUNICATION**
[72] DELINOCCI, JOHN, US
[71] SERVICENOW, INC., US
[85] 2017-12-20
[86] 2016-08-11 (PCT/US2016/046494)
[87] (WO2017/027675)
[30] US (14/824,143) 2015-08-12

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[13] A1
[51] **Int.Cl. C07D 307/82 (2006.01) A61K 31/343 (2006.01) A61P 19/02 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **PHENYLSULFONAMIDO-BENZOFURAN DERIVATIVES AND USES THEREOF IN THE TREATMENT OF PROLIFERATIVE DISEASES**
[54] **DERIVES DE PHENYLSULFONAMIDO-BENZOFURANE ET LEURS UTILISATIONS DANS LE TRAITEMENT DE MALADIES PROLIFERATIVES**
[72] CHENG, EMILY H., US
[72] HSIEH, JAMES, US
[72] JENG, PAUL, US
[72] OUERFELLI, OUATHEK, US
[72] YANG, GUANGLI, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2017-12-20
[86] 2016-08-12 (PCT/US2016/046889)
[87] (WO2017/027841)
[30] US (62/204,385) 2015-08-12
[30] US (62/253,030) 2015-11-09

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[13] A1
[51] **Int.Cl. B29C 45/43 (2006.01) B29C 45/76 (2006.01)**
[25] EN
[54] **INJECTION MOLDING SYSTEM WITH MULTIPLE ACCUMULATOR ASSEMBLIES**
[54] **SYSTEME DE MOULAGE PAR INJECTION DOTE DE MULTIPLES ENSEMBLES ACCUMULATEURS**
[72] SCHULTZ, GREGORY ALLAN, CA
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2017-12-21
[86] 2016-07-25 (PCT/CA2016/050874)
[87] (WO2017/020118)
[30] US (62/199,440) 2015-07-31

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[13] A1
[51] **Int.Cl. A47J 41/00 (2006.01) A47J 27/14 (2006.01) B65D 81/38 (2006.01)**
[25] EN
[54] **VESSEL SYSTEM, METHOD AND DEVICE FOR AUTOMATICALLY PROVIDING A FOOD PRE PARATION**
[54] **ENSEMBLE RECIPIENT, PROCEDE ET DISPOSITIF DE FOURNITURE AUTOMATIQUE D'UNE PREPARATION ALIMENTAIRE**
[72] FOSER, BRUNO, LI
[71] ARROLA AG, LI
[85] 2017-12-21
[86] 2015-03-27 (PCT/EP2015/056714)
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[13] A1
[51] **Int.Cl. E04F 21/16 (2006.01) B05C 17/10 (2006.01)**
[25] EN
[54] **DEVICE FOR SMOOTHING AND/OR FILLING**
[54] **DISPOSITIF DE LISSAGE ET/OU DE TALOCHAGE**
[72] FREUDENREICH, FRANK, DE
[72] NEDDERMANN, DIRK, DE
[71] NELA GMBH, DE
[85] 2017-12-21
[86] 2016-06-17 (PCT/DE2016/100275)
[87] (WO2016/206675)
[30] DE (10 2015 007 891.7) 2015-06-22

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[13] A1
[51] **Int.Cl. F28F 9/013 (2006.01) F28D 7/16 (2006.01) F28F 1/30 (2006.01)**
[25] EN
[54] **SHELL-AND-TUBE EQUIPMENT WITH ANTIVIBRATION BAFFLES AND RELATED ASSEMBLING METHOD**
[54] **EQUIPEMENT A TUBES ET CALANDRE AVEC DEFLECTEURS ANTI-VIBRATIONS ET PROCEDE D'ASSEMBLAGE ASSOCIE**
[72] RIZZI, ENRICO, IT
[71] CASALE SA, CH
[85] 2017-12-21
[86] 2016-06-03 (PCT/EP2016/062607)
[87] (WO2017/005429)
[30] EP (15175397.7) 2015-07-06

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[13] A1
[51] **Int.Cl. C08L 23/06 (2006.01) B32B 27/32 (2006.01) C08F 2/00 (2006.01) C08L 23/08 (2006.01)**
[25] EN
[54] **POLYETHYLENE COMPOSITION FOR FILMS**
[54] **COMPOSITION DE POLYETHYLENE POUR FILMS**
[72] VITTORIAS, IAKOVOS, DE
[72] MEIER, GERHARDUS, DE
[72] SCHUELLER, ULF, DE
[72] MAUS, ANDREAS, DE
[72] WIESECKE, JENS, DE
[72] MAVRIDIS, HARILAOS, US
[71] BASELL POLYOLEFINE GMBH, DE
[85] 2017-12-21
[86] 2016-06-06 (PCT/EP2016/062746)
[87] (WO2016/206957)
[30] US (62/185,238) 2015-06-26

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[13] A1
[51] **Int.Cl. A61F 5/01 (2006.01) A61F 5/34 (2006.01)**
[25] EN
[54] **DEVICE FOR TREATING CARPAL TUNNEL SYNDROME OF A PERSON'S HAND**
[54] **DISPOSITIF POUR LE TRAITEMENT DU SYNDROME DU CANAL CARPIEN DE LA MAIN D'UNE PERSONNE**
[72] HEITER, UWE, DE
[71] CURMED GMBH & CO. KG, DE
[85] 2017-12-21
[86] 2016-06-20 (PCT/EP2016/064149)
[87] (WO2016/207100)
[30] DE (20 2015 103 260.9) 2015-06-22

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[51] **Int.Cl. A61B 5/097 (2006.01) G01N 33/497 (2006.01)**
[25] EN
[54] **A DEVICE FOR COLLECTING PARTICLES IN AN EXHALED AIRFLOW**
[54] **DISPOSITIF PERMETTANT DE COLLECTER DES PARTICULES DANS UN FLUX D'AIR EXHALE**
[72] STAMBECK, PETER, SE
[71] MUNKPLAST AB, SE
[85] 2017-12-21
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[25] EN
[54] **A THERMOSETTING EPOXY RESIN COMPOSITION FOR THE PREPARATION OF OUTDOOR ARTICLES, AND THE ARTICLES OBTAINED THEREFROM**
[54] **COMPOSITION DE RESINE EPOXY THERMODURCISSABLE POUR LA PREPARATION D'ARTICLES D'EXTERIEUR, ET ARTICLES OBTENUS A PARTIR DE CELLE-CI**
[72] BEISELE, CHRISTIAN, DE
[72] LIU, ZHIJIAN, CN
[72] HISHIKAWA, SATORU, JP
[71] HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH, CH
[85] 2017-12-21
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[87] (WO2017/001182)
[30] CN (PCT/CN2015/083143) 2015-07-02

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[25] EN
[54] **CEILING AND CEILING SUSPENSION SYSTEM**
[54] **PLAFOND ET SYSTEME DE SUSPENSION DE PLAFOND**
[72] DALMAY, PIERRE, FR
[72] BENKEMOUN, YVES, FR
[71] SAINT-GOBAIN PLACO SAS, FR
[85] 2017-12-21
[86] 2016-06-01 (PCT/EP2016/062429)
[87] (WO2017/001137)
[30] EP (15306088.4) 2015-07-02
[30] EP (15196357.6) 2015-11-25

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[25] EN
[54] **NOVEL CELL EPITOPES AND COMBINATION OF CELL EPITOPES FOR USE IN THE IMMUNO-THERAPY OF MYELOMA AND OTHER CANCERS**
[54] **NOUVEAUX EPITOPES DE CELLULES ET NOUVELLE COMBINAISON D'EPITOPES DE CELLULES DESTINES A ETRE UTILISES DANS L'IMMUNOTHERAPIE DU MYELOME ET D'AUTRES CANCERS**
[72] RAMMENSEE, HANS-GEORG, DE
[72] STICKEL, JULIANE, DE
[72] KOWALEWSKI, DANIEL, DE
[72] STEVANOVIC, STEFAN, DE
[72] WALZ, SIMON, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2017-12-21
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[87] (WO2016/207164)
[30] US (62/184,500) 2015-06-25
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[25] EN
[54] **BAG WITH LOCKABLE DRAWSTRING**
[54] **SAC DE BANDE DE TRACTION CONTENANT UNE BANDE DE TRACTION BLOCABLE**
[72] ODENTHAL, HARTMUT, DE
[71] LEMO MASCHINENBAU GMBH, DE
[85] 2017-12-21
[86] 2016-06-17 (PCT/EP2016/064019)
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[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **MULTISPECIFIC ANTIGEN BINDING PROTEINS**
[54] **PROTEINES QUI SE LIENT A DES ANTIGENES MULTISPECIFIQUES**
[72] GAUTHIER, LAURENT, FR
[72] ROSSI, BENJAMIN, FR
[71] INNATE PHARMA, FR
[85] 2017-12-21
[86] 2016-06-23 (PCT/EP2016/064528)
[87] (WO2016/207273)
[30] EP (PCT/EP2015/064070) 2015-06-23
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[25] EN
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[54] **UNITE DE COUPE ROTATIVE**
[72] HAVERS, THOMAS, DK
[71] KVERNELAND GROUP KERTEMINDE AS, DK
[85] 2017-12-21
[86] 2016-06-17 (PCT/EP2016/064100)
[87] (WO2017/012805)
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[25] EN
[54] **PROCESS FOR COLD BONDING RUBBER ON METAL SUBSTRATES**
[54] **PROCEDE DE COLLAGE A FROID DE CAOUTCHOUC SUR DES SUBSTRATS METALLIQUES**
[72] ZAFFARONI, GIORGIO, IT
[72] SALMOIRAGHI, ELEONORA, IT
[72] BRUSA, MANUELA, IT
[71] HENKEL AG & CO. KGAA, DE
[85] 2017-12-21
[86] 2016-06-30 (PCT/EP2016/065370)
[87] (WO2017/001592)
[30] EP (15174557.7) 2015-06-30

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[51] **Int.Cl. G01N 33/28 (2006.01) F04D 13/08 (2006.01) F04D 31/00 (2006.01)**
[25] EN
[54] **DETERMINING THE PHASE COMPOSITION OF A FLUID FLOW**
[54] **DETERMINATION DE LA COMPOSITION DE PHASE D'UN ECOULEMENT DE FLUIDE**
[72] BRENNE, LARS, NO
[72] KIBSGAARD, SVEND TARALD, NO
[72] MONSEN, BJARNE, NO
[72] GAUSTAD, TOM ODIN, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2017-12-21
[86] 2015-06-26 (PCT/EP2015/064607)
[87] (WO2016/206761)

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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIBODIES FOR USE IN CANCER IMMUNOTHERAPY**
[54] **ANTICORPS BISPECIFIQUES UTILISES POUR L'IMMUNOTHERAPIE DU CANCER**
[72] FIGINI, MARIANGELA, IT
[72] SATTA, ALESSANDRO, IT
[72] GIANNI, ALESSANDRO MASSIMO, IT
[72] DI NICOLA, MASSIMO, IT
[71] FONDAZIONE IRCCS ISTITUTO NAZIONALE DEI TUMORI, IT
[85] 2017-12-21
[86] 2016-07-01 (PCT/EP2016/065577)
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[30] EP (15174741.7) 2015-07-01

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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **MULTISPECIFIC NK ENGAGER PROTEINS**
[54] **PROTEINES D'ENGAGEUR NK MULTISPECIFIQUES**
[72] GAUTHIER, LAURENT, FR
[72] ANCERIZ, NADIA, FR
[72] MOREL, ARIANE, FR
[72] ROSSI, BENJAMIN, FR
[71] INNATE PHARMA, FR
[85] 2017-12-21
[86] 2016-06-23 (PCT/EP2016/064537)
[87] (WO2016/207278)
[30] EP (PCT/EP2015/064063) 2015-06-23
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[25] EN
[54] **METHODS FOR DETECTING TISSUE INFILTRATING NK CELLS**
[54] **METHODES DE DETECTION DE CELLULES NK INFILTRANT LES TISSUS**
[72] ANCERIZ, NADIA, FR
[72] BONNAFOUS, CECILE, FR
[72] DUJARDIN, ARNAUD, FR
[72] PATUREL, CARINE, FR
[71] INNATE PHARMA, FR
[85] 2017-12-21
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[25] EN
[54] **PDE9 INHIBITORS WITH IMIDAZO TRIAZINONE BACKBONE AND IMIDAZO PYRAZINONE BACKBONE FOR TREATMENT OF PERIPHERAL DISEASES**
[54] **INHIBITEURS DE PDE9 PRESENTANT UN SQUELETTE D'IMIDAZO TRIAZINONE ET UN SQUELETTE D'IMIDAZO PYRAZINONE POUR LE TRAITEMENT DE MALADIES PERIPHERIQUES**
[72] SVENSTRUP, NIELS, DK
[72] WEN, KATE, CN
[72] WANG, YAZHOU, CN
[71] H. LUNDBECK A/S, DK
[85] 2017-12-21
[86] 2016-07-06 (PCT/EP2016/065964)
[87] (WO2017/005786)
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[25] EN
[54] **CYCLIC RGD CELL-BINDING MOTIF AND USES THEREOF**
[54] **MOTIF DE LIAISON DE CELLULE RGD CYCLIQUE ET UTILISATIONS**
[72] HEDHAMMAR, MY, SE
[71] SPIBER TECHNOLOGIES AB, SE
[85] 2017-12-21
[86] 2016-06-23 (PCT/EP2016/064543)
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[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/00 (2006.01) A61B 3/14 (2006.01)**
[25] EN
[54] **PURKINJE METER AND METHOD FOR AUTOMATIC EVALUATION**
[54] **PURKINJE-METRE ET PROCEDE D'EVALUATION AUTOMATIQUE**
[72] JANUNTS, EDGAR, DE
[72] PUTZU, DOMINIC, DE
[72] VAN BELLEN, JANINE, DE
[72] MOLLER, MICHAEL, DE
[72] LANGENBUCHER, ACHIM, DE
[71] JANUNTS HOLDING UG (HAFTUNGSBESCHRANKT), DE
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[87] (WO2017/001426)
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[25] EN
[54] **METHODS OF MODULATING CYTOSOLIC DNA SURVEILLANCE MOLECULES**
[54] **PROCEDE DE MODULATION DE MOLECULES DE SURVEILLANCE DE L'ADN CYTOSOLIQUE**
[72] ILG, THOMAS, DE
[72] ABRAHAM, ALBERT, US
[72] NICKELL, JASON, US
[72] KEIL, DANIEL, US
[72] WEISS, CHRISTIAN, DE
[71] BAYER ANIMAL HEALTH GMBH, DE
[85] 2017-12-21
[86] 2016-06-23 (PCT/EP2016/064613)
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[25] EN
[54] **SCAFFOLDING HAVING A COUPLING**
[54] **ECHAFFAUDAGE DOTE D'UN RACCORD**
[72] MIKIC, ERZAD, DE
[71] PERI GMBH, DE
[85] 2017-12-21
[86] 2016-07-12 (PCT/EP2016/066509)
[87] (WO2017/012919)
[30] DE (10 2015 213 737.6) 2015-07-21

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[13] A1
[51] **Int.Cl. A61K 36/06 (2006.01) A61K 36/064 (2006.01) A61K 36/64 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MODULATING AND/OR STIMULATING IMMUNE RESPONSES IN HUMAN AND/OR ANIMAL**
[54] **COMPOSITIONS ET PROCEDES DESTINES A MODULER ET/OU A STIMULER DES REPONSES IMMUNITAIRES CHEZ L'ETRE HUMAIN ET/OU L'ANIMAL**
[72] CASTEX, MATHIEU, FR
[71] DANSTAR FERMENT AG, CH
[85] 2017-12-21
[86] 2016-07-11 (PCT/EP2016/066446)
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[25] EN
[54] **PERITONEAL THERAPEUTIC FLUID**
[54] **FLUIDE THERAPEUTIQUE PERITONEAL**
[72] GRENTZMANN, GUIDO, DE
[71] OPTERION HEALTH AG, CH
[85] 2017-12-21
[86] 2016-07-19 (PCT/EP2016/067186)
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[25] EN
[54] **A HIGHLY CONCENTRATED SEAWATER MINERAL EXTRACT AND USES THEREOF**
[54] **EXTRAIT MINERAL D'EAU DE MER HAUTEMENT CONCENTRE ET UTILISATIONS ASSOCIEES**
[72] FITZPATRICK, BRIAN, IE
[72] DELANY, JOHN, IE
[71] ORIEL SEASALT COMPANY LIMITED, IE
[85] 2017-12-21
[86] 2016-06-24 (PCT/EP2016/064763)
[87] (WO2016/207411)
[30] IE (S2015/0187) 2015-06-24

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[51] **Int.Cl. C04B 28/06 (2006.01) C04B 40/00 (2006.01)**
[25] EN
[54] **ADDITIVE FOR HYDRAULICALLY SETTING COMPOSITIONS**
[54] **ADDITIF POUR COMPOSITIONS A PRISE HYDRAULIQUE**
[72] GADT, TORBEN, DE
[72] GRASSL, HARALD, DE
[72] NICOLEAU, LUC, DE
[72] SMEETS, ALFONS, DE
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2017-12-21
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[25] EN
[54] **ABSORBENT ANTIMICROBIAL WOUND DRESSINGS**
[54] **PANSEMENTS ANTIMICROBIENS ABSORBANTS**
[72] CARLSSON, ERIK, SE
[72] HANSSON, DENNIS, SE
[71] MOLNLYCKE HEALTH CARE AB, SE
[85] 2017-12-21
[86] 2016-07-21 (PCT/EP2016/067398)
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[30] US (14/807,989) 2015-07-24

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[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/90 (2006.01)**
[25] EN
[54] **FORM C OF AVIBACTAM SODIUM**
[54] **FORME C D'AVIBACTAM SODIQUE**
[72] HOTTER, ANDREAS, AT
[72] ADAMER, VERENA, AT
[72] LENGAUER, HANNES, AT
[71] SANDOZ AG, CH
[85] 2017-12-21
[86] 2016-08-09 (PCT/EP2016/068925)
[87] (WO2017/025526)
[30] EP (15180413.5) 2015-08-10
[30] EP (15187315.5) 2015-09-29

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[25] EN
[54] **ANTIBODIES SPECIFIC FOR HYPERPHOSPHORYLATED TAU AND METHODS OF USE THEREOF**
[54] **ANTICORPS SPECIFIQUES DE LA PROTEINE TAU HYPERPHOSPHORYLEE ET LEURS PROCEDES D'UTILISATION**
[72] PEDERSEN, JAN TORLEIF, DK
[72] PEDERSEN, LARS OSTERGAARD, DK
[72] DACHSEL, JUSTUS CLAUS ALFRED, DE
[72] ABDUR-RASHEED ASUNI, AYODEJI, DK
[72] ROSENQVIST, NINA, SE
[71] H. LUNDBECK A/S, DK
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[86] 2016-07-12 (PCT/EP2016/066470)
[87] (WO2017/009308)
[30] GB (1512211.2) 2015-07-13
[30] GB (1518375.9) 2015-10-16

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[13] A1
[51] **Int.Cl. C22B 60/02 (2006.01)**
[25] FR
[54] **METHOD FOR SEPARATING IRON FROM AN ORGANIC PHASE CONTAINING URANIUM AND METHOD FOR EXTRACTING URANIUM FROM AN AQUEOUS SOLUTION OF MINERAL ACID CONTAINING URANIUM AND IRON**
[54] **PROCEDE DE SEPARATION DU FER D'UNE PHASE ORGANIQUE CONTENANT DE L'URANIUM ET PROCEDE D'EXTRACTION DE L'URANIUM D'UNE SOLUTION AQUEUSE D'ACIDE MINERAL CONTENANT DE L'URANIUM ET DUFER**
[72] MOKHTARI, HAMID, FR
[72] COURTAUD, BRUNO, FR
[72] AUGER, FREDERIC, FR
[71] AREVA MINES, FR
[85] 2017-12-21
[86] 2016-06-29 (PCT/EP2016/065169)
[87] (WO2017/001494)
[30] FR (1556181) 2015-06-30

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[51] **Int.Cl. A43B 3/24 (2006.01)**
[25] EN
[54] **A MODULAR SHOE**
[54] **CHAUSSURE MODULAIRE**
[72] THOMASSON, GAYNOR MARIE, GB
[71] THOMASSON, GAYNOR MARIE, GB
[85] 2017-12-21
[86] 2015-07-03 (PCT/IB2015/055044)
[87] (WO2016/001900)
[30] GB (1411866.5) 2014-07-03

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[25] EN
[54] **ELECTRICAL NAIL POLISHING APPARATUS**
[54] **APPAREIL DE POLISSAGE D'ONGLE ELECTRIQUE**
[72] BUTLER, MARTIN, CN
[72] JONES, FIONA, GB
[72] MORGAN, DARREN JOHN, GB
[72] PEL, MAARTJE SASKIA, GB
[72] PERRIN, VICTORIA LOUISE, GB
[72] TSANG, JACKIE, CN
[72] WOOLLEY, SIMON, GB
[71] RECKITT BENCKISER (BRANDS) LIMITED, GB
[85] 2017-12-21
[86] 2016-06-22 (PCT/GB2016/051863)
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[30] GB (1511491.1) 2015-06-30

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[51] **Int.Cl. C07D 233/88 (2006.01) A61K 31/4365 (2006.01) A61K 31/437 (2006.01) A61K 31/4375 (2006.01) A61K 31/4709 (2006.01) A61K 45/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 43/00 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 471/04 (2006.01) C07D 491/056 (2006.01) C07D 495/04 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **BICYCLIC HETEROCYCLIC AMIDE DERIVATIVE**
[54] **DERIVE D'AMIDE HETEROCYCLIQUE BICYCLIQUE**
[72] BAN, HITOSHI, JP
[72] KUSAGI, MANABU, JP
[72] TAKANASHI, YOSUKE, JP
[72] HASEGAWA, FUTOSHI, JP
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2017-12-21
[86] 2016-06-21 (PCT/JP2016/068424)
[87] (WO2016/208592)
[30] JP (2015-125175) 2015-06-22

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[25] EN
[54] **FUSION PROTEIN CONTAINING BDNF**
[54] **PROTEINE HYBRIDE CONTENANT UN BDNF**
[72] SONODA, HIROYUKI, JP
[72] TAKAHASHI, KENICHI, JP
[71] JCR PHARMACEUTICALS CO., LTD., JP
[85] 2017-12-21
[86] 2016-06-24 (PCT/JP2016/068739)
[87] (WO2016/208696)
[30] JP (2015-144380) 2015-06-24

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[13] A1
[51] **Int.Cl. A01K 67/027 (2006.01) C12N 5/16 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING BLOOD CHIMERIC ANIMAL**
[54] **PROCEDE DE PRODUCTION D'UN ANIMAL CHIMERE DE SANG**
[72] FUKAWA, KAZUO, JP
[72] ITO, TETSUYA, JP
[72] KAMIKAWA, MAI, JP
[72] SENDAI, YUTAKA, JP
[72] NAKAUCHI, HIROMITSU, JP
[72] YAMAZAKI, SATOSHI, JP
[72] WATANABE, MOTOO, JP
[71] NATIONAL FEDERATION OF AGRICULTURAL COOPERATIVE ASSOCIATIONS, JP
[71] THE UNIVERSITY OF TOKYO, JP
[85] 2017-12-21
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[51] **Int.Cl. B22F 9/26 (2006.01)**
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[54] **METHOD FOR PRODUCING COBALT POWDER**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE COBALT**
[72] YAMAGUMA, RYO-MA, JP
[72] OZAKI, YOSHITOMO, JP
[72] TAKAISHI, KAZUYUKI, JP
[72] HEGURI, SHIN-ICHI, JP
[72] IKEDA, OSAMU, JP
[72] KUDO, YOHEI, JP
[72] DOI, YASUO, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[30] JP (2015-134743) 2015-07-03

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[25] EN
[54] **METHOD FOR SELECTIVELY MANUFACTURING ANTIBODY-DRUG CONJUGATE**
[54] **PROCEDE POUR LA PREPARATION SELECTIVE D'UN CONJUGUE ANTICORPS-MEDICAMENT**
[72] NOGUCHI, SHIGERU, JP
[72] SAKURAI, KEN, JP
[72] OKAJIMA, DAISUKE, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2017-12-21
[86] 2016-06-28 (PCT/JP2016/069068)
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[30] JP (2015-129692) 2015-06-29

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[51] **Int.Cl. H04W 24/10 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **TERMINAL DEVICE, BASE STATION DEVICE, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF TERMINAL, DISPOSITIF DE STATION DE BASE, PROCEDE DE COMMUNICATION ET CIRCUIT INTEGRE**
[72] TAKAHASHI, HIROKI, JP
[72] SUZUKI, SHOICHI, JP
[72] AIBA, TATSUSHI, JP
[72] YOKOMAKURA, KAZUNARI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-12-21
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[30] JP (2015-136569) 2015-07-08

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[51] **Int.Cl. A61K 31/44 (2006.01) A61P 1/04 (2006.01)**
[25] EN
[54] **DRUG FOR PREVENTING OR TREATING INFLAMMATORY BOWEL DISEASE**
[54] **MEDICAMENT POUR LA PREVENTION OU LE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE DE L'INTESTIN**
[72] KAKUTA, HIROKI, JP
[71] NATIONAL UNIVERSITY CORPORATION OKAYAMA UNIVERSITY, JP
[85] 2017-12-21
[86] 2016-06-29 (PCT/JP2016/069319)
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[54] **1,4-DISUBSTITUTED IMIDAZOLE DERIVATIVE**
[54] **DERIVE D'IMIDAZOLE DI-SUBSTITUE EN 1,4**
[72] BAN, HITOSHI, JP
[72] KUSAGI, MANABU, JP
[72] TOJO, SHINGO, JP
[72] HASEGAWA, FUTOSHI, JP
[72] HASHIZUME, MIKI, JP
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2017-12-21
[86] 2016-06-21 (PCT/JP2016/068423)
[87] (WO2016/208591)
[30] JP (2015-125174) 2015-06-22
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[51] **Int.Cl. C07D 501/14 (2006.01) A61K 31/546 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **TRICYCLIC COMPOUND HAVING SULFINYL OR SULFONYL**
[54] **COMPOSE TRICYCLIQUE PRESENTANT UN SULFINYLE OU UN SULFONYLE**
[72] YAMAWAKI, KENJI, JP
[72] KUSANO, HIROKI, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2017-12-21
[86] 2016-06-30 (PCT/JP2016/069404)
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[51] **Int.Cl. C12N 5/071 (2010.01) A61L 27/38 (2006.01) A61L 27/60 (2006.01)**
[25] EN
[54] **VASCULARIZED TISSUE, SKIN OR MUCOSA EQUIVALENT**
[54] **EQUIVALENT DE TISSU, DE PEAU OU DE MUQUEUSE VASCULARISE**
[72] CAO, TONG, SG
[72] HANDRAL, HARISH KIRAN, SG
[72] GOPU, SRIRAM, SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
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[25] EN
[54] **SYSTEM AND METHOD FOR DEVELOPING THREE-DIMENSIONAL SURFACE INFORMATION CORRESPONDING TO A CONTOURED SHEET**
[54] **SYSTEME ET PROCEDE POUR LE DEVELOPPEMENT D'INFORMATIONS DE SURFACE TRIDIMENSIONNELLE CORRESPONDANT A UNE FEUILLE PROFILEE**
[72] ADDINGTON, JASON C., US
[72] VILD, MICHAEL J., US
[72] MORAN, BENJAMIN L., US
[71] GLASSTECH, INC., US
[85] 2017-12-21
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[54] **HEMOSTATIC POWDER DELIVERY DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE DISTRIBUTION DE POUDRE HEMOSTATIQUE**
[72] GOODMAN, JOHN, US
[72] KITURKES, ALEX W., US
[72] SCHNEIDER, JARED, US
[71] ETHICON, INC., US
[85] 2017-12-21
[86] 2016-05-20 (PCT/US2016/033444)
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[30] US (62/183,916) 2015-06-24
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[54] **WASTE MANAGEMENT SYSTEM HAVING SERVICE CONFIRMATION**
[54] **SYSTEME DE GESTION DE DECHETS COMPORTANT UNE CONFIRMATION DE SERVICE**
[72] RODONI, PHILIP, US
[71] RUBICON GLOBAL HOLDINGS, LLC, US
[85] 2017-12-21
[86] 2016-06-02 (PCT/US2016/035398)
[87] (WO2016/209577)
[30] US (62/183,454) 2015-06-23
[30] US (62/299,183) 2016-02-24
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[54] **CHARNIERE CACHEE**
[72] PACINI, SERGIO, IT
[71] FAPIM S.P.A., IT
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[25] EN
[54] **HEALTH MONITORING OF POWER GENERATION ASSEMBLY FOR DOWNHOLE APPLICATIONS**
[54] **SURVEILLANCE DE L'ETAT D'UN ENSEMBLE DE GENERATION D'ELECTRICITE POUR DES APPLICATIONS DE FOND**
[72] SANKARAN, VENKATARAMAN, US
[72] CHANPURA, REENA A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **IMPROVED DIMETHYL ETHYLENE GLYCOL COMPOSITION FOR ACID GAS TREATMENT**
[54] **COMPOSITION DE DIMETHYL ETHYLENE GLYCOL AMELIOREE POUR LE TRAITEMENT DE GAZ ACIDES**
[72] DUGAS, ROSS E., US
[72] LEISTER, JONATHAN W., US
[72] MCJANNETT, JACK D., CA
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-12-21
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[51] **Int.Cl. E21B 33/13 (2006.01) E21B 47/005 (2012.01) C09K 8/42 (2006.01)**
[25] EN
[54] **METHODS FOR EVALUATING PERFORMANCE OF CEMENT FLUID-LOSS-CONTROL ADDITIVES FOR FIELD APPLICATIONS**
[54] **PROCEDE POUR L'EVALUATION DE LA PERFORMANCE D'ADDITIFS REDUCTEURS DE FILTRAT POUR DU CIMENT POUR DES APPLICATIONS SUR LE TERRAIN**
[72] RODRIGUES, ELIAS D., BR
[72] OLIVEIRA, RAFAEL M., BR
[72] MARCHESINI, FLAVIO H., BR
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **TOROIDAL SYSTEM AND METHOD FOR COMMUNICATING IN A DOWNHOLE ENVIRONMNET**
[54] **SYSTEME TOROIDAL ET PROCEDE PERMETTANT UNE COMMUNICATION DANS UN ENVIRONNEMENT DE FOND DE TROU**
[72] ROBERSON, MARK W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-12-21
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[25] EN
[54] **TUNDISH OUTLET MODIFIER**
[54] **MODIFICATEUR DE SORTIE DE PANIER DE COULEE**
[72] RICHAUD, JOHAN L., FR
[72] KREIERHOFF, MARTIN, DE
[71] VESUVIUS CRUCIBLE COMPANY, US
[85] 2017-12-21
[86] 2016-06-09 (PCT/US2016/036558)
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[30] US (62/188,386) 2015-07-02

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[25] EN
[54] **SYSTEM, METHOD, AND APP FOR MANAGING WASTE SERVICES**
[54] **SYSTEME, PROCEDE ET APPLICATION POUR LA GESTION DU RAMASSAGE D'ORDURES**
[72] RODONI, PHILIP, US
[71] RUBICON GLOBAL HOLDINGS, LLC, US
[85] 2017-12-21
[86] 2016-06-08 (PCT/US2016/036334)
[87] (WO2016/209618)
[30] US (62/183,454) 2015-06-23
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[30] US (62/306,515) 2016-03-10
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[25] EN
[54] **DUAL FUNCTION COMPOSITE OXYGEN TRANSPORT MEMBRANE**
[54] **MEMBRANE DE TRANSPORT D'OXYGENE COMPOSITE A DOUBLE FONCTION**
[72] LIN, JIEFENG, US
[72] PLONCZAK, PAWEL, US
[72] KELLY, SEAN M., US
[72] DORASWAMI, UTTAM R., IN
[72] LANE, JONATHAN A., US
[71] PRAXAIR TECHNOLOGY, INC., US
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[51] **Int.Cl. B63H 9/06 (2006.01)**
[25] EN
[54] **SUBMERSIBLE VESSEL HAVING RETRACTABLE WING AND KEEL ASSEMBLIES**
[54] **BATEAU SUBMERSIBLE QUI PRESENTE DES ENSEMBLES AILERON ET QUILLE RETRACTABLES**
[72] MCCLURE, VANCE E., US
[72] TODTER, CHRIS G., US
[71] OCEAN AERO, INC., US
[85] 2017-12-21
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[51] **Int.Cl. A61H 7/00 (2006.01) A61H 39/04 (2006.01) B67B 7/16 (2006.01)**
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[54] **MULTI-LAYERED MASSAGE TOOL**
[54] **INSTRUMENT DE MASSAGE MULTICOUCHE**
[72] CAPOBIANCO, STEVEN, US
[72] VAN DEN DRIES, GREGORY, US
[72] MARONEY, CULLEN, US
[71] ROCKTAPE, INC., US
[85] 2017-12-21
[86] 2016-02-24 (PCT/US2016/019239)
[87] (WO2017/048318)

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[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AGGREGATING ASSET VULNERABILITIES**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'AGREGER DES VULNERABILITES D'ACTIF**
[72] FLOERING, MICHAEL, US
[71] VERACODE, INC., US
[85] 2017-12-21
[86] 2016-06-17 (PCT/US2016/038103)
[87] (WO2016/209729)
[30] US (14/747,291) 2015-06-23

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[51] **Int.Cl. C07C 51/12 (2006.01) C07C 51/47 (2006.01) C07C 53/08 (2006.01)**
[25] EN
[54] **SILVER LOADED HALIDE REMOVAL RESINS FOR TREATING HALIDE CONTAINING SOLUTIONS**
[54] **RESINES D'ELIMINATION D'HALOGENURES CHARGEES D'ARGENT POUR LE TRAITEMENT DE SOLUTIONS CONTENANT DES HALOGENURES**
[72] RAMAGE, DAVID L., US
[72] HALLINAN, NOEL C., US
[72] WHITE, DANIEL F., US
[71] LYONDELLBASELL ACETYLS, LLC, US
[85] 2017-12-21
[86] 2016-06-22 (PCT/US2016/038717)
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[30] US (62/183,389) 2015-06-23

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[51] **Int.Cl. A01N 33/20 (2006.01) A01N 35/02 (2006.01) A01N 43/50 (2006.01) A01N 43/88 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **MICROBICIDAL COMPOSITION**
[54] **COMPOSITION MICROBICIDE**
[72] SINGLETON, FREDDIE L., US
[72] SIANAWATI, EMERENTIANA, US
[72] PAREEK, KIRAN, US
[72] STRITTMATTER, RICHARD, US
[71] ROHM AND HAAS COMPANY, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-12-21
[86] 2016-06-21 (PCT/US2016/038459)
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[30] US (62/184,322) 2015-06-25

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[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 10/06 (2012.01) G06Q 10/08 (2012.01) G06Q 10/00 (2012.01) G08G 1/0968 (2006.01)**
[25] EN
[54] **WASTE MANAGEMENT SYSTEM HAVING UNSCHEDULED STOP MONITORING**
[54] **SYSTEME DE GESTION DE DECHETS COMPORTANT UNE SURVEILLANCE D'ARRETS NON PLANIFIES**
[72] RODONI, PHILIP, US
[71] RUBICON GLOBAL HOLDINGS, LLC, US
[85] 2017-12-21
[86] 2016-06-21 (PCT/US2016/038473)
[87] (WO2016/209793)
[30] US (62/183,454) 2015-06-23
[30] US (62/299,183) 2016-02-24
[30] US (62/306,515) 2016-03-10
[30] US (62/315,407) 2016-03-30
[30] US (15/185,404) 2016-06-17

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[51] **Int.Cl. A61K 35/74 (2015.01) A61P 1/04 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **INDUCTION OF LAMINA PROPRIA REGULATORY T CELLS**
[54] **INDUCTION DE LYMPHOCYTES T REGULATEURS LAMINA PROPRIA**
[72] SEFIK, ESEN, US
[72] GEVA-ZATORSKY, NAAMA, US
[72] BENOIST, CHRISTOPHE, US
[72] KASPER, DENNIS, US
[72] MATHIS, DIANE, US
[71] PRESIDENT AND FELLOWS OF HAVARD COLLEGE, US
[85] 2017-12-21
[86] 2016-06-21 (PCT/US2016/038502)
[87] (WO2016/209806)
[30] US (62/183,021) 2015-06-22
[30] US (62/183,019) 2015-06-22

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[51] **Int.Cl. B65D 75/58 (2006.01)**
[25] EN
[54] **FLEXIBLE POUCH WITH MICROCAPILLARY DISPENSING SYSTEM**
[54] **SACHET FLEXIBLE DOTE D'UN SYSTEME DE DISTRIBUTION MICROCAPILLAIRE**
[72] FRANCA, MARCOS, BR
[72] PEREIRA, BRUNO RUFATO, BR
[72] HUANG, WENYI, US
[72] DIETSCHE, LAURA J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-12-21
[86] 2016-06-24 (PCT/US2016/039216)
[87] (WO2017/003851)
[30] US (62/185,962) 2015-06-29

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[13] A1
[51] **Int.Cl. G01N 33/483 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING CELL ADEQUACY IN A CYTOLOGICAL ANALYSIS SYSTEM**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETERMINER L'ADEQUATION D'UNE CELLULE DANS UN SYSTEME D'ANALYSE CYTOLOGIQUE**
[72] MEYER, MICHAEL G., US
[72] KATDARE, RAHUL, US
[72] PRESLEY, CHRIS, US
[72] BELL, TIMOTHY, US
[71] VISIONGATE, INC., US
[85] 2017-12-21
[86] 2016-06-27 (PCT/US2016/039591)
[87] (WO2017/003933)
[30] US (14/788,015) 2015-06-30

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[51] **Int.Cl. B65B 61/18 (2006.01) B29C 47/00 (2006.01) B29C 47/26 (2006.01) B32B 3/20 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **PROCESS FOR IN SITU PRODUCTION OF MICROCAPILLARY DISPENSING SYSTEM FOR FLEXIBLE POUCH**
[54] **PROCEDE DE FABRICATION IN SITU DE SYSTEME DE DISTRIBUTION MICROCAPILLAIRE POUR SACHET FLEXIBLE**
[72] FRANCA, MARCOS R., BR
[72] PEREIRA, BRUNO RUFATO, BR
[72] HUANG, WENYI, US
[72] DIETSCHE, LAURA J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-12-21
[86] 2016-06-24 (PCT/US2016/039260)
[87] (WO2017/003865)
[30] US (62/185,939) 2015-06-29

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[51] **Int.Cl. A61K 9/00 (2006.01) A01N 59/12 (2006.01) A61K 33/18 (2006.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01) A61Q 17/00 (2006.01)**
[25] EN
[54] **TOPICAL ANTISEPTIC SYSTEM**
[54] **SYSTEME ANTISEPTIQUE TOPIQUE**
[72] DYER, DENNIE W., US
[72] GARRUTO, JOHN A., US
[71] INFECTION CONTAINMENT COMPANY, LLC, US
[85] 2017-12-21
[86] 2016-06-22 (PCT/US2016/038771)
[87] (WO2016/209966)
[30] US (62/183,059) 2015-06-22
[30] US (62/200,900) 2015-08-04
[30] US (62/327,736) 2016-04-26

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[13] A1
[51] **Int.Cl. A01M 29/12 (2011.01) A01K 47/06 (2006.01) A01M 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR APPLYING AN AGROCHEMICAL TO AN AGRICULTURAL AREA OF INTEREST**
[54] **PROCEDE D'APPLICATION DE PRODUIT AGROCHIMIQUE A UNE ZONE D'INTERET AGRICOLE**
[72] WU, TAI-TEH, US
[72] ROGERS, DICK, US
[71] BAYER CROPSCIENCE LP, US
[85] 2017-12-21
[86] 2016-06-24 (PCT/US2016/039267)
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[30] US (62/183,800) 2015-06-24

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[51] **Int.Cl. A61B 17/88 (2006.01) A61B 34/20 (2016.01) A61B 34/30 (2016.01) A61B 34/32 (2016.01) A61B 90/00 (2016.01)**
[25] EN
[54] **DELIVERY SYSTEM AND METHOD FOR DELIVERING MATERIAL TO A TARGET SITE**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION POUR DISTRIBUER UN MATERIAU SUR UN SITE CIBLE**
[72] JANIK, JOHN J., US
[72] BRINDLEY, ROBERT A., US
[71] STRYKER CORPORATION, US
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[87] (WO2016/210081)
[30] US (62/183,374) 2015-06-23

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[51] **Int.Cl. A61K 39/12 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **INACTIVATED CANINE INFLUENZA VACCINES AND METHODS OF MAKING AND USES THEREOF**
[54] **VACCINS INACTIVES DE LA GRIPPE CANINE, ET LEURS METHODES DE PRODUCTION ET D'UTILISATION**
[72] CHIANG, YU-WEI, US
[72] CURETON, DAVID, US
[72] POULET, HERVE, FR
[71] MERIAL, INC., US
[85] 2017-12-21
[86] 2016-06-23 (PCT/US2016/038944)
[87] (WO2016/210083)
[30] US (62/185,266) 2015-06-26
[30] US (62/298,285) 2016-02-22

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[51] **Int.Cl. C11D 3/37 (2006.01) C11D 7/36 (2006.01) C11D 7/50 (2006.01) C11D 11/00 (2006.01) F28G 9/00 (2006.01)**
[25] EN
[54] **METAL SILICATE AND ORGANIC DEPOSIT INHIBITOR/DISPERSANT FOR THERMAL RECOVERY OPERATIONS OF HYDROCARBON FUELS**
[54] **INHIBITEUR/DISPERSANT DE DEPOTS ORGANIQUES ET DE SILICATE METALLIQUE POUR DES OPERATIONS DE RECUPERATION THERMIQUE DE COMBUSTIBLES HYDROCARBONES**
[72] HOOTS, JOHN E., US
[72] MAHARAJH, EDWARD, CA
[72] SOMMESE, ANTHONY G., US
[72] KEIZER, TIMOTHY S., US
[71] ECOLAB USA INC., US
[85] 2017-12-21
[86] 2016-06-29 (PCT/US2016/040056)
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[51] **Int.Cl. A61K 39/12 (2006.01)**
[25] EN
[54] **METHODS OF USE OF INFLUENZA VACCINE FOR PREVENTION OF PNEUMONIA**
[54] **METHODES D'UTILISATION DU VACCIN DE LA GRIPPE POUR LA PREVENTION DE LA PNEUMONIE**
[72] DIAZGRANADOS, CARLOS, US
[72] DUNNING, ANDREW, US
[71] SANOFI PASTEUR, INC., US
[85] 2017-12-21
[86] 2016-06-23 (PCT/US2016/038963)
[87] (WO2016/210093)
[30] US (62/183,888) 2015-06-24

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[51] **Int.Cl. C02F 1/44 (2006.01)**
[25] EN
[54] **METHODS OF DEWATERING OF ALCOHOLIC SOLUTIONS VIA FORWARD OSMOSIS AND RELATED SYSTEMS**
[54] **PROCEDES DE DESHYDRATATION DE SOLUTIONS ALCOOLIQUES PAR OSMOSE INVERSE ET SYSTEMES CORRESPONDANTS**
[72] BENTON, CHARLES, US
[72] BAKAJIN, OLGICA, US
[72] KLARE, JENNIFER, US
[72] REVANUR, RAVINDRA, US
[71] PORIFERA, INC., US
[85] 2017-12-21
[86] 2016-06-24 (PCT/US2016/039377)
[87] (WO2016/210337)
[30] US (62/184,159) 2015-06-24

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[51] **Int.Cl. A61F 2/28 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **COMPRESSION IMPLANTS, INSTRUMENTS AND METHODS**
[54] **IMPLANTS, INSTRUMENTS ET PROCEDES DE COMPRESSION**
[72] FALLIN, T. WADE, US
[72] TRIPLETT, DANIEL, US
[71] FIRST RAY, LLC, US
[85] 2017-12-21
[86] 2016-06-29 (PCT/US2016/040118)
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[30] US (62/188,185) 2015-07-02
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[51] **Int.Cl. B01J 8/00 (2006.01) B01D 3/22 (2006.01) B01J 8/44 (2006.01) B01J 19/30 (2006.01) B01J 19/32 (2006.01)**
[25] EN
[54] **A FLUID SOLIDS CONTACTING DEVICE**
[54] **DISPOSITIF DE MISE EN CONTACT DE SOLIDES DE FLUIDE**
[72] PRETZ, MATTHEW T., US
[72] SANDOVAL, FERMIN A., US
[72] SHAW, DON F., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-12-21
[86] 2016-06-25 (PCT/US2016/039447)
[87] (WO2016/210387)
[30] US (14/751,424) 2015-06-26

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[25] EN
[54] **OPTIMALLY ACTIVATED DENDRITIC CELLS THAT INDUCE AN IMPROVED OR INCREASED ANTI-TUMOR IMMUNE RESPONSE**
[54] **CELLULES DENDRITIQUES ACTIVEES DE FACON OPTIMALE QUI INDUISENT UNE REPONSE IMMUNITAIRE ANTI-TUMORALE AMELIOREE OU ACCRUE**
[72] BOSCH, MARNIX L., US
[71] NORTHWEST BIOTHERAPEUTICS, INC., US
[85] 2017-12-21
[86] 2016-06-29 (PCT/US2016/040134)
[87] (WO2017/004230)
[30] US (62/187,086) 2015-06-30

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[51] **Int.Cl. C07K 14/08 (2006.01) A61K 39/12 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **PRRSV MINOR PROTEIN-CONTAINING RECOMBINANT VIRAL VECTORS AND METHODS OF MAKING AND USE THEREOF**
[54] **VECTEURS VIRAUX RECOMBINES CONTENANT UNE PROTEINE MINEURE DE PRRSV ET PROCEDES DE PREPARATION ET D'UTILISATION DE CEUX-CI**
[72] MEBATSION, TESHOME, US
[72] KASSA, AEMRO, US
[72] KIM, TAEJOONG, US
[71] MERIAL, INC., US
[85] 2017-12-21
[86] 2016-06-23 (PCT/US2016/038964)
[87] (WO2016/210094)
[30] US (62/183,410) 2015-06-23

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[25] EN
[54] **LONG-LASTING COOLING FORMULATIONS**
[54] **FORMULATIONS DE REFROIDISSEMENT LONGUE DUREE**
[72] TIAN, MINMIN, US
[72] TRAN, LISA, US
[72] CASTRO, ARMANDO, US
[72] JOHNSON, SONYA, US
[72] LESCOP, OLIVIER, US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2017-12-21
[86] 2016-06-30 (PCT/US2016/040522)
[87] (WO2017/004437)
[30] US (62/187,129) 2015-06-30
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[25] EN
[54] **CONFIDENTIAL AUTHENTICATION AND PROVISIONING**
[54] **AUTHENTIFICATION ET FOURNITURE CONFIDENTIELLES**
[72] LE SAINT, ERIC, US
[72] JIN, JING, US
[72] AABYE, CHRISTIAN, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-12-21
[86] 2016-06-30 (PCT/US2016/040586)
[87] (WO2017/004466)
[30] US (62/187,125) 2015-06-30

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[25] EN
[54] **MUTUAL AUTHENTICATION OF CONFIDENTIAL COMMUNICATION**
[54] **AUTHENTIFICATION MUTUELLE D'UNE COMMUNICATION CONFIDENTIELLE**
[72] LE SAINT, ERIC, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[87] (WO2017/004470)
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[25] EN
[54] **HISTONE DEACETYLASE INHIBTORS**
[54] **INHIBTEURS DE L'HISTONE DESACETYLASE**
[72] BHAGWAT, SHRIPAD, US
[72] LUEDTKE, GREGORY, US
[72] BRIDGES, ALEXANDER, US
[71] BIOMARIN PHARMACEUTICAL INC., US
[85] 2017-12-21
[86] 2016-07-01 (PCT/US2016/040705)
[87] (WO2017/004522)
[30] US (62/188,139) 2015-07-02

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[51] **Int.Cl. A61M 13/00 (2006.01) A61B 17/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **GAS RECIRCULATION SYSTEM**
[54] **SYSTEME DE RECIRCULATION DE GAZ**
[72] MANTELL, ROBERT R., US
[72] MILLAR, DONALD, US
[72] MILLAR, PATRICK B., US
[72] ANDERSEN, ERIC P., US
[71] NORTHGATE TECHNOLOGIES INC., US
[85] 2017-12-21
[86] 2016-07-01 (PCT/US2016/040642)
[87] (WO2017/004490)
[30] US (62/188,319) 2015-07-02

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[13] A1
[51] **Int.Cl. G01N 30/96 (2006.01) B01D 15/16 (2006.01) B01D 15/36 (2006.01) G01N 30/34 (2006.01) G01N 30/46 (2006.01)**
[25] EN
[54] **AMINES ANALYSIS BY ION CHROMATOGRAPHY**
[54] **ANALYSE D'AMINES PAR CHROMATOGRAPHIE IONIQUE**
[72] SIVAVEC, TIMOTHY, MARK, US
[72] MCLEAN, NATHAN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-12-21
[86] 2016-07-05 (PCT/US2016/040939)
[87] (WO2017/011218)
[30] US (62/91576) 2015-07-13
[30] US (62/262,575) 2015-12-03

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[13] A1
[51] **Int.Cl. B65B 13/02 (2006.01) H04W 4/00 (2018.01) B65B 13/18 (2006.01) B65B 13/22 (2006.01) G05B 19/042 (2006.01)**
[25] EN
[54] **TOOL SETTING MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE REGLAGE D'OUTIL**
[72] SKONIECZNY, WAYNE J., JR., US
[72] BOSS, WALTER L., US
[72] FIGIEL, JANUSZ, US
[72] RAGUSA, MARK, US
[72] LEINE, GUIDO SIMON, US
[71] SIGNODE INDUSTRIAL GROUP LLC, US
[85] 2017-12-21
[86] 2016-07-07 (PCT/US2016/041216)
[87] (WO2017/011248)
[30] US (62/191,087) 2015-07-10
[30] US (15/147,425) 2016-05-05

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[51] **Int.Cl. H04L 12/28 (2006.01) H04L 29/08 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **CLOUD-SYNCHRONIZED ARCHITECTURE FOR A HOME AUTOMATION SYSTEM**
[54] **ARCHITECTURE A NUAGE SYNCHRONISE POUR UN SYSTEME D'AUTOMATISATION DE MAISON**
[72] WELINGKAR, BHARAT, US
[72] JACOBSON, ARTHUR A., US
[72] GLOIER, MATT N., US
[71] SAVANT SYSTEMS, LLC, US
[85] 2017-12-21
[86] 2016-10-04 (PCT/US2016/055327)
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[30] US (14/875,399) 2015-10-05

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 35/12 (2015.01) A61K 39/395 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **COMBINATION OF HDAC INHIBITOR AND ANTI-PD-L1 ANTIBODY FOR TREATMENT OF CANCER**
[54] **ASSOCIATION D'UN INHIBITEUR DE L'HISTONE DESACETYLASE (HDAC) AVEC UN ANTICORPS ANTI-PDL-1 POUR LE TRAITEMENT DU CANCER**
[72] GOODENOW, ROBERT, US
[72] ORDENTLICH, PETER, US
[71] SYNDAX PHARMACEUTICALS, INC., US
[85] 2017-12-21
[86] 2016-06-28 (PCT/US2016/039906)
[87] (WO2017/004092)
[30] US (62/186,237) 2015-06-29

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[51] **Int.Cl. A61L 9/20 (2006.01)**
[25] EN
[54] **REACTION CORE SYSTEM FOR PHOTOCATALYTIC PURIFIERS**
[54] **SYSTEME CENTRAL DE REACTION POUR PURIFICATEURS PHOTOCATALYTIQUES**
[72] KEITH, JERROD, US
[71] UVAIRX, INC., US
[85] 2017-12-21
[86] 2016-07-07 (PCT/US2016/041282)
[87] (WO2017/007898)
[30] US (62/189,600) 2015-07-07

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[25] EN
[54] **EDIBLE COMPOSITIONS CONTAINING STABILIZED NATURAL COLORANTS**
[54] **COMPOSITIONS COMESTIBLES CONTENANT DES COLORANTS NATURELS STABILISES**
[72] MARTIN, PENNY, US
[72] JILEK, CHRISTINE, US
[72] RAMIREZ, LILIAN, US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2017-12-21
[86] 2016-06-29 (PCT/US2016/040169)
[87] (WO2017/004248)
[30] US (62/186,980) 2015-06-30

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[13] A1
[51] **Int.Cl. G01F 1/05 (2006.01) G01F 1/00 (2006.01) G01F 1/76 (2006.01) G01F 3/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETECTING GAS FLOW**
[54] **PROCEDE ET SYSTEME DE DETECTION D'ECOULEMENT GAZEUX**
[72] DOULL, KERRY, CA
[72] DOULL, RYAN, CA
[72] FRIESZ, RICHARD, CA
[72] HULL, JOHN, CA
[71] VENTMETER TECHNOLOGIES INC., CA
[85] 2017-12-22
[86] 2015-07-17 (PCT/CA2015/050671)
[87] (WO2016/205917)
[30] US (62/184,724) 2015-06-25

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[13] A1
[51] **Int.Cl. A61K 31/436 (2006.01) A61K 9/14 (2006.01) A61K 9/51 (2006.01) A61K 38/38 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS OF TREATING EPITHELIOID CELL TUMORS**
[54] **METHODES DE TRAITEMENT DE TUMEURS DE CELLULES EPITHELIOIDES**
[72] DESAI, NEIL P., US
[71] ABRAXIS BIOSCIENCE, LLC, US
[85] 2017-12-21
[86] 2016-06-29 (PCT/US2016/040170)
[87] (WO2017/004249)
[30] US (62/186,252) 2015-06-29

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[51] **Int.Cl. A61F 13/511 (2006.01) D04H 1/4374 (2012.01) D04H 1/4391 (2012.01) D04H 3/018 (2012.01)**
[25] EN
[54] **TREATED NONWOVEN HAVING AN AFFINITY FOR AN ACTIVE INGREDIENT**
[54] **NON-TISSE TRAITE AYANT UNE AFFINITE POUR UN PRINCIPE ACTIF**
[72] ERLANDSSON, SVEN KRISTER, US
[72] GRONDIN, PIERRE, US
[72] MOODY, RALPH A., III, US
[71] AVINTIV SPECIALTY MATERIALS INC., US
[85] 2017-12-21
[86] 2016-07-13 (PCT/US2016/041994)
[87] (WO2017/011500)
[30] US (62/191,847) 2015-07-13

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[13] A1
[51] **Int.Cl. C07F 9/564 (2006.01) C07B 55/00 (2006.01) C07F 9/22 (2006.01)**
[25] EN
[54] **(R)- AND (S)-1-(3-(3-N,N-DIMETHYLAMINOCARBONYL)PHENOXYL-4-NITROPHENYL)-1-ETHYL-N,N'-BIS (ETHYLENE)PHOSPHORAMIDATE, COMPOSITIONS AND METHODS FOR THEIR USE AND PREPARATION**
[54] **(R)- ET (S)-1-(3-(3-N,N-DIMETHYLAMINOCARBONYL)PHENOXYL-4-NITROPHENYL)-1-ETHYL-N,N'-BIS(ETHYLENE)PHOSPHORAMIDATE, COMPOSITIONS ET PROCEDES POUR LEUR UTILISATION ET PREPARATION**
[72] DUAN, JIAN-XIN, US
[72] CAO, YEYU, US
[72] CAI, XIAOHONG, US
[72] JIAO, HAILONG, US
[72] MA, JING YUAN, US
[72] MATTEUCCI, MARK, US
[71] OBI PHARMA, INC., CN
[85] 2017-12-21
[86] 2016-11-15 (PCT/US2016/062114)
[87] (WO2017/087428)
[30] US (62/255,905) 2015-11-16
[30] US (62/324,259) 2016-04-18

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[13] A1
[51] **Int.Cl. C12N 9/22 (2006.01) A61K 31/7088 (2006.01) C07H 19/00 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **MODIFIED CRISPR RNA AND MODIFIED SINGLE CRISPR RNA AND USES THEREOF**
[54] **ARN CRISPR MODIFIE ET ARN CRISPR SIMPLE MODIFIE ET UTILISATIONS CORRESPONDANTES**
[72] RAHDAR, MEGHDAD, US
[72] PRAKASH, THAZHA P., US
[72] SWAYZE, ERIC E., US
[72] BENNETT, FRANK C., US
[71] IONIS PHARMACEUTICALS, INC., US
[85] 2017-12-21
[86] 2016-06-29 (PCT/US2016/040191)
[87] (WO2017/004261)
[30] US (62/186,363) 2015-06-29
[30] US (62/233,281) 2015-09-25
[30] US (62/256,649) 2015-11-17

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[51] **Int.Cl. A47C 19/04 (2006.01) A47C 19/12 (2006.01)**
[25] EN
[54] **FOLDABLE COMPOSITE BED FRAME**
[54] **CADRE DE LIT COMPOSITE PLIABLE**
[72] BARTELSMEYER, ROBERT A., US
[72] CASE, JOHN J., US
[72] HERRIN, PHILIP E., US
[71] L&P PROPERTY MANAGEMENT COMPANY, US
[85] 2017-12-21
[86] 2016-07-14 (PCT/US2016/042216)
[87] (WO2017/011630)
[30] US (62/192,227) 2015-07-14
[30] US (15/188,112) 2016-06-21

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[51] **Int.Cl. A61F 13/00 (2006.01) D04H 1/492 (2012.01) D04H 1/495 (2012.01) D04H 1/498 (2012.01) B32B 5/02 (2006.01) B32B 5/26 (2006.01) D04H 1/46 (2012.01) D04H 13/00 (2006.01)**
[25] EN
[54] **LOW LINTING IMAGED HYDROENTANGLED NONWOVEN COMPOSITE**
[54] **COMPOSITE NON TISSE HYDROLIE IMAGE A FAIBLE PELUCHAGE**
[72] BURGESS, STEVEN BRIAN, US
[72] SNIDER, JERRY, US
[72] HARMON, PAUL MICHAEL, US
[72] ELLIS, DIANNE B., US
[71] AVINTIV SPECIALTY MATERIALS INC., US
[85] 2017-12-21
[86] 2016-07-15 (PCT/US2016/042476)
[87] (WO2017/011740)
[30] US (62/192,698) 2015-07-15

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[13] A1
[51] **Int.Cl. A61K 9/51 (2006.01) A61K 31/436 (2006.01) A61K 47/42 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BIOMARKERS FOR NANOPARTICLE COMPOSITIONS**
[54] **BIOMARQUEURS POUR COMPOSITIONS DE NANOPARTICULES**
[72] DESAI, NEIL P., US
[71] ABRAXIS BIOSCIENCE, LLC, US
[85] 2017-12-21
[86] 2016-06-29 (PCT/US2016/040196)
[87] (WO2017/004264)
[30] US (62/186,309) 2015-06-29

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[13] A1
[51] **Int.Cl. A61K 31/675 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **METHODS OF TREATING HEMATOLOGICAL MALIGNANCY USING NANOPARTICLE MTOR INHIBITOR COMBINATION THERAPY**
[54] **METHODES DE TRAITEMENT D'HEMOPATHIES MALIGNES A L'AIDE D'UNE THERAPIE D'ASSOCIATION A BASE DE NANOPARTICULES COMPRENANT UN INHIBITEUR DE MTOR**
[72] DESAI, NEIL P., US
[72] ALLES, MARK, US
[71] ABRAXIS BIOSCIENCE, LLC, US
[85] 2017-12-21
[86] 2016-06-29 (PCT/US2016/040201)
[87] (WO2017/004266)
[30] US (62/186,320) 2015-06-29

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[13] A1
[51] **Int.Cl. F02B 75/04 (2006.01) F02B 75/32 (2006.01) F02D 15/02 (2006.01)**
[25] EN
[54] **VARIABLE COMPRESSION RATIO INTERNAL COMBUSTION ENGINE AND LEARNING METHOD THEREFOR**
[54] **MOTEUR A COMBUSTION INTERNE A TAUX DE COMPRESSION VARIABLE ET PROCEDE D'APPRENTISSAGE POUR CE DERNIER**
[72] OKAMOTO, KAZUHIKO, JP
[72] TAKAHASHI, EIJI, JP
[72] HIYOSHI, RYOUSUKE, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-12-21
[86] 2015-06-25 (PCT/JP2015/068292)
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[25] EN
[54] **EGG ORIENTING ASSEMBLY, AND ASSOCIATED SYSTEM, DEVICE AND METHOD**
[54] **ENSEMBLE D'ORIENTATION D'□UFS, AINSI QUE SYSTEME, DISPOSITIF ET PROCEDE ASSOCIES**
[72] SUH, WILLIAM DONGWOOK, US
[72] FEDEROWICZ, JOSEPH, US
[71] ZOETIS SERVICES LLC, US
[85] 2017-12-21
[86] 2016-07-19 (PCT/US2016/042885)
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[25] EN
[54] **SYSTEM AND METHOD FOR LOCALIZATION AND TRACKING USING GNSS LOCATION ESTIMATES, SATELLITE SNR DATA AND 3D MAPS**
[54] **SYSTEME ET PROCEDE DE LOCALISATION ET DE POURSUITE AU MOYEN D'ESTIMATIONS DE POSITION GNSS, DONNEES SNR PAR SATELLITE ET CARTES 3D**
[72] IRISH, ANDREW, US
[72] ISAACS, JASON, US
[72] MADHOW, UPAMANYU, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-12-21
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[87] (WO2017/058340)
[30] US (62/231,846) 2015-07-17
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[51] **Int.Cl. C10G 7/12 (2006.01) B01J 19/00 (2006.01) C10G 31/08 (2006.01) C10G 75/02 (2006.01) C10G 75/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF PREDICTIVE ANALYTICS FOR DYNAMIC CONTROL OF A HYDROCARBON REFINING PROCESS**
[54] **SYSTEME ET PROCEDE D'ANALYSE PREDICTIVE POUR LA COMMANDE DYNAMIQUE D'UN PROCESSUS DE RAFFINAGE D'HYDROCARBURES**
[72] BAKAS, STEVE THEODORE, US
[72] PATEL, NIMESHKUMAR KANTILAL, US
[72] TERAN, CONRAD KENY, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **METHODS OF TREATING SOLID TUMORS USING NANOPARTICLE MTOR INHIBITOR COMBINATION THERAPY**
[54] **PROCEDES DE TRAITEMENT DES TUMEURS SOLIDES UTILISANT UN TRAITEMENT COMBINE CONTENANT DES NANOPARTICULES D'INHIBITEUR DE MTOR**
[72] DESAI, NEIL P., US
[71] ABRAXIS BIOSCIENCE, LLC, US
[85] 2017-12-21
[86] 2016-06-29 (PCT/US2016/040202)
[87] (WO2017/004267)
[30] US (62/186,325) 2015-06-29

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[51] **Int.Cl. B60G 11/12 (2006.01) F16F 1/38 (2006.01)**
[25] EN
[54] **BAR PIN BUSHING FOR VEHICLE SUSPENSION AND CORRESPONDING MOUNTING METHOD**
[54] **MANCHON POUR BROCHE POUR SUSPENSION DE VEHICULE ET PROCEDE DE MONTAGE CORRESPONDANT**
[72] ZIMMERMAN, RANDY J., US
[72] MERRIMAN, JAMES, US
[72] KERENDIAN, HORMOZ, US
[71] HENDRICKSON USA, L.L.C., US
[85] 2017-12-21
[86] 2016-08-18 (PCT/US2016/047460)
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[30] US (62/206,584) 2015-08-18
[30] US (15/239,611) 2016-08-17

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[25] EN
[54] **MICELLAR CASEIN FOR COFFEE CREAMERS AND OTHER DAIRY PRODUCTS**
[54] **CASEINE MICELLAIRE POUR SUCCEDANES DE CREME A CAFE ET AUTRES PRODUITS LAITIERS**
[72] MERRILL, RICHARD K., US
[72] LI, JIANCAI, US
[71] LEPRINO FOODS COMPANY, US
[85] 2017-12-21
[86] 2016-06-16 (PCT/US2016/037894)
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[30] US (62/185,840) 2015-06-29
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[25] EN
[54] **CONTOUR-FOLLOWING PROTECTIVE LAYER FOR COMPRESSOR COMPONENTS OF GAS TU RBINES**
[54] **COUCHE PROTECTRICE A CONTOURNAGE PRECIS POUR ELEMENTS STRUCTURAUX DE COMPRESSEUR POUR DES TURBINES A GAZ**
[72] ANNEN, MICHAEL, DE
[72] BARNIKEL, JOCHEN, DE
[72] FLORES RENTERIA, ARTURO, DE
[72] GHICOV, ANDREI, DE
[72] HESSEL, SASCHA, DE
[72] NEDDEMEYER, TORSTEN, DE
[72] RAMM, JURGEN, CH
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[71] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2017-12-22
[86] 2016-06-14 (PCT/EP2016/063557)
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[51] **Int.Cl. D03D 41/00 (2006.01) D03D 47/34 (2006.01) D03D 49/20 (2006.01) D03J 1/22 (2006.01)**
[25] EN
[54] **WEAVING MACHINE**
[54] **METIER A TISSER**
[72] RUTZ, ANDREAS, DE
[71] LINDAUER DORNIER GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2017-12-22
[86] 2016-06-22 (PCT/EP2016/064457)
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[25] EN
[54] **INTEGRATED HYBRID HEART VALVES**
[54] **VALVULES CARDIAQUES HYBRIDES INTEGREES**
[72] CONKLIN, BRIAN S., US
[72] ZENG, QINGGANG, US
[72] HOWANEC, MYRON, JR., US
[72] KIM, GRACE M., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2017-12-21
[86] 2016-06-30 (PCT/US2016/040396)
[87] (WO2017/004374)
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[13] A1
[51] **Int.Cl. H01F 38/14 (2006.01) H02J 50/10 (2016.01) B60L 11/18 (2006.01)**
[25] EN
[54] **A PRIMARY SIDED-ARRANGEMENT OF PRIMARY WINDING STRUCTURES, A METHOD OF MANUFACTURING THE PRIMARY-SIDED ARRANGEMENT, A SYSTEM FOR INDUCTIVE POWER TRANSFER AND A METHOD FOR INDUCTIVELY SUPPLYING POWER TO A VEHICLE**
[54] **AGENCEMENT COTE PRIMAIRE DE STRUCTURES D'ENROULEMENT PRIMAIRE, PROCEDE DE FABRICATION DE L'AGENCEMENT COTE PRIMAIRE, SYSTEME DE TRANSFERT DE PUISSANCE INDUCTIVE ET PROCEDE D'ALIMENTATION INDUCTIVE D'UN VEHICULE**
[72] WIRTH, CHRISTIAN, CH
[72] CZAINSKI, ROBERT, PL
[72] LINDT, RUDOLF, DE
[71] BOMBARDIER PRIMOVE GMBH, DE
[85] 2017-12-22
[86] 2016-06-23 (PCT/EP2016/064557)
[87] (WO2016/207291)
[30] GB (1511259.2) 2015-06-26
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[51] **Int.Cl. E21B 33/134 (2006.01) E21B 33/128 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **DISSOLVABLE BRIDGE PLUG ASSEMBLY**
[54] **ENSEMBLE BOUCHON PROVISOIRE SOLUBLE**
[72] DUDZINSKI, PAUL, US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2017-12-21
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[54] **CGRP RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DU RECEPTEUR CGRP**
[72] COATES, DAVID ANDREW, US
[72] FORTNER, KEVIN CHARLES, US
[72] JOHNSTON, RICHARD DUANE, US
[72] MASSEY, STEVEN MARC, US
[72] MYERS, JASON KENNETH, US
[72] SHI, QING, US
[72] SIEGEL, MILES GOODMAN, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-12-21
[86] 2016-08-05 (PCT/US2016/045693)
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[25] EN
[54] **A VOTING ASSEMBLY**
[54] **ENSEMBLE POUR VOTE**
[72] MCGONAGLE, PATRICK, GB
[71] PAKFLATT (UK) LIMITED, GB
[85] 2017-12-22
[86] 2016-06-27 (PCT/EP2016/064803)
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[51] **Int.Cl. H01F 38/14 (2006.01) H02J 50/10 (2016.01) B60L 11/18 (2006.01)**
[25] EN
[54] **A PRIMARY-SIDED AND A SECONDARY-SIDED ARRANGEMENT OF WINDING STRUCTURES, A SYSTEM FOR INDUCTIVE POWER TRANSFER AND A METHOD FOR INDUCTIVELY SUPPLYING POWER TO A VEHICLE**
[54] **AGENCEMENT COTE PRIMAIRE ET COTE SECONDAIRE DE STRUCTURES D'ENROULEMENT, SYSTEME DE TRANSFERT DE PUISSANCE INDUCTIVE ET PROCEDE D'ALIMENTATION INDUCTIVE D'UN VEHICULE**
[72] WIRTH, CHRISTIAN, CH
[72] CZAINSKI, ROBERT, PL
[72] LINDT, RUDOLF, DE
[71] BOMBARDIER PRIMOVE GMBH, DE
[85] 2017-12-22
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[87] (WO2016/207290)
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[51] **Int.Cl. F15D 1/00 (2006.01) B64C 21/02 (2006.01)**
[25] EN
[54] **INTEGRAL COMPONENT WITH AN ACTIVE FLOW CONTROL DEVICE**
[54] **ELEMENT D'UN SEUL TENANT COMPRENANT UN DISPOSITIF DE COMMANDE D'ECOULEMENT ACTIF**
[72] RECKZEH, DANIEL, DE
[72] STEFES, BRUNO, DE
[72] LENGERS, MATTHIAS, DE
[71] AIRBUS OPERATIONS GMBH, DE
[85] 2017-12-22
[86] 2016-06-30 (PCT/EP2016/065360)
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[30] DE (10 2015 110 782.1) 2015-07-03

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[13] A1
[51] **Int.Cl. B65D 81/28 (2006.01) B65D 35/24 (2006.01)**
[25] FR
[54] **CONTAINER HAVING A BACTERICIDAL INSERT**
[54] **RECIPIENT COMPORTANT UN INSERT BACTERICIDE**
[72] COURTIN, KARINE, FR
[71] COURTIN, KARINE, FR
[85] 2017-12-22
[86] 2016-06-30 (PCT/EP2016/065362)
[87] (WO2017/001591)
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[51] **Int.Cl. G01N 33/569 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **INFLUENZA POTENCY ASSAYS**
[54] **DOSAGES DE LA PUISSANCE DE LA GRIPPE**
[72] WEN, YINGXIA, US
[72] SETTEMBRE, ETHAN C., US
[72] WANG, ZIHAO, US
[71] SEQIRUS UK LIMITED, GB
[85] 2017-12-22
[86] 2016-07-07 (PCT/EP2016/066200)
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[51] **Int.Cl. A61K 38/00 (2006.01) C07K 7/50 (2006.01)**
[25] EN
[54] **NEW BICYCLIC LIPOLANTIPEPTIDE, PREPARATION AND USE AS ANTIMICROBIAL AGENT**
[54] **NOUVEAU LIPOLANTIPEPTIDE BICYCLIQUE, PREPARATION ET UTILISATION EN TANT QU'AGENT ANTIMICROBIEN**
[72] ASZODI, JOSEF, FR
[72] CARNIATO, DENIS, FR
[72] LE BELLER, DOMINIQUE, FR
[72] LESQUAME, GUILLAUME, FR
[72] QUERNIN, MARIE-HELENE, FR
[71] DEINOBIOTICS, FR
[85] 2017-12-22
[86] 2016-07-01 (PCT/EP2016/065568)
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[51] **Int.Cl. A61K 35/768 (2015.01) A61K 9/00 (2006.01) A61K 47/24 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PARVOVIRUS FORMULATION FOR TREATING TUMORS**
[54] **FORMULATION DE PARVOVIRUS PERMETTANT DE TRAITER DES TUMEURS**
[72] LEUCHS, BARBARA, DE
[72] GELETNEKY, KARSTEN, DE
[72] ROMMELAERE, JEAN, DE
[72] DINSART, CHRISTIANE, DE
[72] DAHM, MICHAEL, DE
[72] KREBS, OTTHEINZ, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
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[51] **Int.Cl. G01N 33/38 (2006.01) G01N 17/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR ASSESSING CHLORIDE CONCENTRATION AND CORRESPONDING METHOD AND SENSOR**
[54] **SYSTEME D'EVALUATION DE LA CONCENTRATION EN CHLORURES ET PROCEDE ET CAPTEUR CORRESPONDANTS**
[72] TORRES LUQUE, MAGDA MARCELA, CO
[72] OSMA CRUZ, JOHANN FACCELO, CO
[72] SANCHEZ SILVA, MAURICIO, CO
[72] BASTIDAS ARTEAGA, EMILIO, FR
[72] SCHOEFS, FRANCK, FR
[71] UNIVERSITE DE NANTES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[71] UNIVERSIDAD DE LOS ANDES, CO
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[86] 2016-07-07 (PCT/EP2016/066212)
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[25] EN
[54] **BISPECIFIC ANTI-CEAXCD3 T CELL ACTIVATING ANTIGEN BINDING MOLECULES**
[54] **MOLECULES BISPECIFIQUES DE LIAISON A L'ANTIGENE ACTIVANT LES LYMPHOCYTES T ANTI-CEAXCD3**
[72] BACAC, MARINA, CH
[72] FAUTI, TANJA, CH
[72] IMHOF-JUNG, SABINE, DE
[72] KLEIN, CHRISTIAN, CH
[72] KLOSTERMANN, STEFAN, DE
[72] MOESSNER, EKKEHARD, CH
[72] MOLHOJ, MICHAEL, DE
[72] NEUMANN, CHRISTIANE, CH
[72] REGULA, JOERG THOMAS, DE
[72] SCHAEFER, WOLFGANG, DE
[72] UMANA, PABLO, CH
[71] F. HOFFMAN-LA ROCHE AG, CH
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[86] 2016-09-29 (PCT/EP2016/073171)
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[30] EP (15188035.8) 2015-10-02

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[51] **Int.Cl. B21H 8/00 (2006.01) B21B 1/22 (2006.01) C21D 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A COMPONENT OF AUSTENITIC TWIP OR TRIP/TWIP STEEL**
[54] **PROCEDE POUR LA FABRICATION D'UN ELEMENT EN ACIER TWIP OU TRIP/TWIP AUSTENITIQUE**
[72] FROHLICH, THOMAS, DE
[72] LINDNER, STEFAN, DE
[71] OUTOKUMPU OYJ, FI
[85] 2017-12-22
[86] 2016-07-08 (PCT/EP2016/066318)
[87] (WO2017/009244)
[30] EP (15176945.2) 2015-07-16

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[13] A1
[51] **Int.Cl. B65H 18/22 (2006.01)**
[25] EN
[54] **MINERAL WOOL PACKAGER**
[54] **DISPOSITIF D'EMBALLAGE DE LAINE MINERALE**
[72] MADSEN, ARNE, DK
[71] QUBIQA ESBJERG A/S, DK
[85] 2017-12-22
[86] 2016-07-06 (PCT/EP2016/065949)
[87] (WO2017/005776)
[30] EP (15175443.9) 2015-07-06

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[51] **Int.Cl. F02C 7/143 (2006.01) F02C 7/052 (2006.01) F02C 7/057 (2006.01)**
[25] EN
[54] **SYSTEM FOR REDUCING INLET AIR TEMPERATURE OF A DEVICE**
[54] **SYSTEME POUR REDUIRE LA TEMPERATURE DE L'AIR D'ADMISSION D'UN DISPOSITIF**
[72] OWEN, CHARLES MELVIN, GB
[71] AAF LTD, GB
[85] 2017-12-22
[86] 2016-06-23 (PCT/IB2016/053745)
[87] (WO2016/207829)
[30] US (14/749,154) 2015-06-24

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[51] **Int.Cl. F02C 7/143 (2006.01) F02C 7/057 (2006.01) F02M 31/20 (2006.01) F02M 35/024 (2006.01)**
[25] EN
[54] **METHOD OF RUNNING AN AIR INLET SYSTEM**
[54] **PROCEDE DE FONCTIONNEMENT D'UN SYSTEME D'ADMISSION D'AIR**
[72] OWEN, CHARLES MELVIN, GB
[71] AAF LTD, GB
[85] 2017-12-22
[86] 2016-06-23 (PCT/IB2016/053744)
[87] (WO2016/207828)
[30] US (14/749,154) 2015-06-24

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[13] A1
[51] **Int.Cl. H04B 7/26 (2006.01) H04W 52/02 (2009.01)**
[25] FR
[54] **RADIO MODULE, DEVICE AND CORRESPONDING PROGRAM**
[54] **MODULE RADIO, DISPOSITIF ET PROGRAMME CORRESPONDANT**
[72] JACQUEMONT, NICOLAS, FR
[72] BERTHIAUD, OLIVIER, FR
[71] INGENICO GROUP, FR
[85] 2017-12-22
[86] 2016-06-24 (PCT/EP2016/064762)
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[30] FR (1556009) 2015-06-26

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[13] A1
[51] **Int.Cl. C09K 8/50 (2006.01) C09K 8/86 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **METHODS OF EXTRACTING HYDROCARBONS FROM SUBTERRANEAN FORMATIONS**
[54] **PROCEDES D'EXTRACTION D'HYDROCARBURES DE FORMATIONS SOUTERRAINES**
[72] MAZYAR, OLEG A., US
[72] KHABASHESKU, VALERY N., US
[72] KUZNETSOV, OLEKSANDR V., US
[72] JOHNSON, MICHAEL H., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-11-23
[86] 2016-05-17 (PCT/US2016/032841)
[87] (WO2016/191148)
[30] US (14/721,846) 2015-05-26

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[13] A1
[51] **Int.Cl. G01C 21/34 (2006.01) G08G 1/01 (2006.01) G08G 1/13 (2006.01)**
[25] EN
[54] **CANDIDATE ROUTE PROVIDING SYSTEM, IN-VEHICLE APPARATUS, AND CANDIDATE ROUTE PROVIDING METHOD**
[54] **SYSTEME FOURNISSANT UNE ROUTE CANDIDATE, APPAREIL EMBARQUE DANS UN VEHICULE ET ROUTE CANDIDATE FOURNISSANT LA METHODE**
[72] INOUE, HIROFUMI, JP
[72] SUZUKI, MASAYASU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-12-22
[86] 2015-06-23 (PCT/JP2015/068023)
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[51] **Int.Cl. C12N 5/073 (2010.01) C12N 5/0793 (2010.01) C12N 5/09 (2010.01) A01K 67/027 (2006.01)**
[25] FR
[54] **ANIMAL MODEL FOR STUDYING NEUROBLASTOMAS**
[54] **MODELE ANIMAL POUR L'ETUDE DU NEUROBLASTOME**
[72] CASTELLANI, VALERIE, FR
[72] DELLOYE-BOURGEOIS, CELINE, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2017-12-22
[86] 2015-07-07 (PCT/EP2015/065509)
[87] (WO2016/005398)
[30] FR (1456531) 2014-07-07

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[51] **Int.Cl. B60W 10/26 (2006.01) B60K 6/442 (2007.10) B60K 6/547 (2007.10) B60L 3/00 (2006.01) B60L 11/08 (2006.01) B60W 10/06 (2006.01) B60W 10/08 (2006.01) B60W 20/00 (2016.01)**
[25] EN
[54] **POWER GENERATION CONTROL DEVICE FOR HYBRID VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE PRODUCTION D'ENERGIE POUR UN VEHICULE HYBRIDE**
[72] TOYOTA, RYOHEY, JP
[72] KOGA, MASATO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-12-22
[86] 2015-06-24 (PCT/JP2015/068188)
[87] (WO2016/208003)

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[13] A1
[51] **Int.Cl. G01C 21/28 (2006.01) G08G 1/0969 (2006.01)**
[25] EN
[54] **VEHICLE POSITION DETERMINATION APPARATUS AND VEHICLE POSITION DETERMINATION METHOD**
[54] **DISPOSITIF DE DETERMINATION DE POSITION DE VEHICULE ET PROCEDE DE DETERMINATION DE POSITION DE VEHICULE**
[72] OKUYAMA, TAKESHI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **PRIMER SET FOR DETECTING 1,4-DIOXANE DEGRADING BACTERIA, AND METHOD FOR DETECTING AND QUANTIFYING 1,4-DIOXANE-DEGRADING BACTERIA**
[54] **ENSEMBLE D'AMORCES POUR DETECTER UNE BACTERIE DEGRADANT LE 1,4-DIOXANE, ET PROCEDE DE DETECTION ET DE QUANTIFICATION DE BACTERIE DEGRADANT LE 1,4-DIOXANE**
[72] YAMAMOTO, NORIFUMI, JP
[72] SAITO, YUJI, JP
[72] TAKI, HIRONORI, JP
[72] IKE, MICHIHIKO, JP
[72] KURODA, MASASHI, JP
[72] SEI, KAZUNARI, JP
[72] INOUE, DAISUKE, JP
[71] TAISEI CORPORATION, JP
[71] OSAKA UNIVERSITY, JP
[71] SCHOOL JURIDICAL PERSON KITASATO INSTITUTE, JP
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[54] **TERMINAL DEVICE AND PCRF**
[54] **DISPOSITIF TERMINAL ET PCRF**
[72] KAWASAKI, YUDAI, JP
[72] ARAMOTO, MASAFUMI, JP
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **SPOT WELDING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE SOUDAGE PAR POINTS**
[72] MIWA, HIROSHI, JP
[72] TERAGAITO, YOHEI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-12-22
[86] 2016-06-22 (PCT/JP2016/068465)
[87] (WO2016/208610)
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[25] EN
[54] **ANTI-HUMAN TRANSFERRIN RECEPTOR ANTIBODY PERMEATING BLOOD-BRAIN BARRIER**
[54] **ANTICORPS ANTI-RECEPTEUR DE TRANSFERRINE HUMAINE PASSANT AU TRAVERS DE LA BARRIERE HEMATOENCEPHALIQUE**
[72] SONODA, HIROYUKI, JP
[72] TAKAHASHI, KENICHI, JP
[71] JCR PHARMACEUTICALS CO., LTD., JP
[85] 2017-12-22
[86] 2016-06-24 (PCT/JP2016/068738)
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[25] EN
[54] **FIBER-REINFORCED COMPOSITE MEMBER MOLDING APPARATUS**
[54] **DISPOSITIF DE MOULAGE D'ELEMENT COMPOSITE RENFORCE PAR DES FIBRES**
[72] ISHIZAKI, MASATO, JP
[72] KOBIKI, AKIRA, JP
[72] MURAKAMI, TSUTOMU, JP
[71] IHI CORPORATION, JP
[85] 2017-12-22
[86] 2016-06-23 (PCT/JP2016/068689)
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[54] **THERAPEUTIC AGENT FOR FIBROSIS**
[54] **AGENT THERAPEUTIQUE CONTRE LA FIBROSE**
[72] FUJIOKA, AKIO, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
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[25] EN
[54] **TERMINAL DEVICE, BASE STATION DEVICE, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF TERMINAL, DISPOSITIF STATION DE BASE, PROCEDE DE COMMUNICATION ET CIRCUIT INTEGRE**
[72] SUZUKI, SHOICHI, JP
[72] AIBA, TATSUSHI, JP
[72] IMAMURA, KIMIHIKO, JP
[72] SHIMEZAWA, KAZUYUKI, JP
[71] SHARP KABUSHIKI KAISHA, JP
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[86] 2016-07-01 (PCT/JP2016/069684)
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[25] EN
[54] **12H-BENZO[B]XANTHEN-12-ONES, COMPOSITIONS CONTAINING, AND USES OF, SAME**
[54] **12H-BENZO[B]XANTHENE-12-ONES, COMPOSITIONS LES CONTENANT, ET UTILISATIONS DE CELLES-CI**
[72] BEELEY, NIGEL ROBERT ARNOLD, US
[72] WELGUS, HOWARD GLENN, US
[72] BIRNBAUM, JAY EDWARD, US
[72] FOULKES, J. GORDON, US
[72] JENKINSON, CELIA PATRICIA, US
[72] SAURAT, JEAN HILAIRE, CH
[71] THESAN PHARMACEUTICALS, INC., US
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[25] EN
[54] **METHOD AND APPARATUS TO DYNAMICALLY CONTROL HOW OFTEN TEMPERATURE READINGS ARE RECEIVED**
[54] **PROCEDE ET APPAREIL DESTINES A COMMANDER DE FACON DYNAMIQUE LA FREQUENCE A LAQUELLE DES LECTURES DE TEMPERATURE SONT RECUES**
[72] WILKINSON, BRUCE W., US
[71] WAL-MART STORES, INC., US
[85] 2017-12-22
[86] 2016-06-23 (PCT/US2016/038898)
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[54] **PREPRINTING METHOD AND SYSTEM OF SECURED INFORMATION FOR GAMING SYSTEM**
[54] **PROCEDE ET SYSTEME DE PREIMPRESSION D'INFORMATIONS SECURISEES POUR SYSTEME DE JEU**
[72] FERRARI, CARLOS ISIDORO, AR
[71] ALBICELESTE MARITIME INC., PA
[85] 2017-12-22
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[51] **Int.Cl. B60L 13/04 (2006.01) B61B 13/08 (2006.01) H02N 15/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC DEVICE, UNDERPASS, AND VEHICLE EQUIPPED WITH SUCH A DEVICE**
[54] **DISPOSITIF ELECTROMAGNETIQUE, PASSAGE SUPERIEUR ET MOYEN DE TRANSPORT COMPRENANT CE DISPOSITIF**
[72] AMOSKOV, VIKTOR MIHAYLOVICH, RU
[72] ARSLANOVA, DAR'YA NIKOLAEVNA, RU
[72] BELOV, ALEKSANDR VYACHESLAVOVICH, RU
[72] BELYAKOV, VALERIY ARKAD'EVICH, RU
[72] VASIL'EV, VYACHESLAV NIKOLAEVICH, RU
[72] KAPARKOVA, MARINA VIKTOROVNA, RU
[72] KOROTKOV, VLADIMIR ALEKSANDROVICH, RU
[72] KUKHTIN, VLADIMIR PETROVICH, RU
[72] LAMZIN, EVGENIY ANATOL'EVICH, RU
[72] LARIONOV, MIHAIL SERGEEVICH, RU
[72] MIKHAYLOV, VALERIY MIKHAYLOVICH, RU
[72] NEZHENTSEV, ANDREY NIKOLAEVICH, RU
[72] RODIN, IGOR' YUR'EVICH, RU
[72] SYCHEVSKIY, SERGEY EVGEN'EVICH, RU
[72] FILATOV, OLEG GENNADIEVICH, RU
[72] FIRSOV, ALEXEY ANATOL'EVICH, RU
[72] SHATIL', NIKOLAY ALEKSANDROVICH, RU
[71] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS" ("SCIENCE AND INNOVATIONS", JSC), RU
[71] JOINT STOCK COMPANY "D.V. EFREMOV INSTITUTE OF ELECTROPHYSICAL APPARATUS", RU
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[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR USING AND MONITORING IMPLANTS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'UTILISATION ET DE SURVEILLANCE D'IMPLANTS**
[72] HUNTER, WILLIAM L., CA
[71] CANARY MEDICAL INC., CA
[85] 2017-12-22
[86] 2015-06-25 (PCT/US2015/037803)
[87] (WO2015/200704)
[30] US (62/017,099) 2014-06-25

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[51] **Int.Cl. E01H 1/12 (2006.01) A61G 10/00 (2006.01) E04B 1/343 (2006.01) E04H 3/08 (2006.01) E04H 15/20 (2006.01)**
[25] EN
[54] **MOBILE CHAMBER APPARATUSES AND RELATED METHODS**
[54] **APPAREILS DE CHAMBRE MOBILE ET PROCEDES ASSOCIES**
[72] SALAPATEK, ANNE MARIE, CA
[72] SALAPATEK, RONALD STEVEN, CA
[72] PATEL, PIYUSH RANCHODBHAI, CA
[71] INFLAMAX RESEARCH INC., CA
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[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR USING AND MONITORING HEART VALVES**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'UTILISATION ET DE SURVEILLANCE DE VALVULES CARDIAQUES**
[72] HUNTER, WILLIAM L., CA
[71] CANARY MEDICAL INC., CA
[85] 2017-12-22
[86] 2015-06-25 (PCT/US2015/037810)
[87] (WO2015/200707)
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[25] EN
[54] **DETERMINING FROZEN STATE BY RFID TAG PARAMETER**
[54] **DETERMINATION DE L'ETAT CONGELE PAR UN PARAMETRE D'ETIQUETTE RFID**
[72] WILKINSON, BRUCE W., US
[71] WAL-MART STORES, INC., US
[85] 2017-12-22
[86] 2016-06-23 (PCT/US2016/038901)
[87] (WO2016/210056)
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[51] **Int.Cl. C09B 61/00 (2006.01) A23L 5/43 (2016.01)**
[25] EN
[54] **ACYLATED ANTHOCYANIN BASED COLOURANT COMPOSITION AND METHODS OF USE THEREOF**
[54] **COMPOSITION DE COLORANT A BASE D'ANTHOCYANINE ACYLEE ET PROCEDES D'UTILISATION ASSOCIES**
[72] SIGURDSON, GREGORY, US
[72] COLLINS, THOMAS M., US
[72] GIUSTI, MARIA MONICA, US
[72] ROBBINS, REBECCA J., US
[71] MARS, INCORPORATED, US
[71] THE OHIO STATE INNOVATION FOUNDATION, US
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[86] 2016-06-30 (PCT/US2016/040563)
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[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR USING AND MONITORING SPINAL IMPLANTS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'UTILISATION ET DE SURVEILLANCE D'IMPLANTS RACHIDIENS**
[72] HUNTER, WILLIAM L., CA
[71] CANARY MEDICAL INC., CA
[85] 2017-12-22
[86] 2015-06-25 (PCT/US2015/037825)
[87] (WO2015/200720)
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[54] **AMINOPEPTIDASES FOR PROTEIN HYDRLYZATES**
[54] **AMINOPEPTIDASES POUR HYDROLYSATS DE PROTEINES**
[72] KRAGH, KARSTEN MATTHIAS, DK
[72] HAANING, SVEND, DK
[72] MEINJOHANNS, ERNST, DK
[72] EISELE, THOMAS, DK
[72] DEGN, PETER EDVARD, DK
[72] BAK, STEFFEN YDE, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
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[25] EN
[54] **CREPING ADHESIVES CONTAINING FUNCTIONALIZED CROSSLINKED RESINS**
[54] **ADHESIFS DE CREPAGE CONTENANT DES RESINES RETICULEES FONCTIONNALISEES**
[72] RINGOLD, CLAY E., US
[72] HAGIOPOL, CORNEL, US
[71] GEORGIA-PACIFIC CHEMICALS LLC, US
[85] 2017-12-22
[86] 2016-06-23 (PCT/US2016/038920)
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[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR USING AND MONITORING ORTHOPEDIC HARDWARE**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'UTILISATION ET DE SURVEILLANCE DE MATERIEL ORTHOPEDIQUE**
[72] HUNTER, WILLIAM L., CA
[71] CANARY MEDICAL INC., CA
[85] 2017-12-22
[86] 2015-06-25 (PCT/US2015/037827)
[87] (WO2015/200722)
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[51] **Int.Cl. A01N 59/00 (2006.01) A01P 1/00 (2006.01) C11D 7/06 (2006.01)**
[25] EN
[54] **MATERIAL FOR ENHANCING ATTRIBUTES OF A TOPICAL OR SURFACE TREATMENT COMPOSITION**
[54] **MATERIAU POUR AMELIORER LES CARACTERISTIQUES D'UNE COMPOSITION DE TRAITEMENT DE SURFACE OU TOPIQUE**
[72] CARLSON, LAWRENCE, US
[71] TYGRUS, LLC, US
[85] 2017-12-22
[86] 2016-07-05 (PCT/US2016/040976)
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[30] US (62/188,615) 2015-07-03

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[51] **Int.Cl. G01L 1/00 (2006.01)**
[25] EN
[54] **POLYMERS, SYSTEMS AND METHODS FOR USING AND MONITORING POLYMERS FOR USE IN MEDICAL POLYMERS, IMPLANTS, AND PROCEDURES**
[54] **POLYMERES, SYSTEMES ET PROCEDES D'UTILISATION ET DE SURVEILLANCE DES POLYMERES DESTINES A ETRE UTILISES DANS DES POLYMERES MEDICAUX, IMPLANTS, ET PROCEDURES**
[72] HUNTER, WILLIAM L., CA
[71] CANARY MEDICAL INC., CA
[85] 2017-12-22
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[25] EN
[54] **COATING FOR CONTROLLED RELEASE**
[54] **REVETEMENT POUR LIBERATION CONTROLEE**
[72] SHAH, AAYUSH, US
[72] RAGHURAMAN, ARJUN, US
[72] POTISEK, STEPHANIE L., US
[72] MEDINA, JUAN CARLOS, US
[72] REYES, LARISA MAE Q., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-12-22
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[87] (WO2017/003813)
[30] US (62/186,669) 2015-06-30
[30] US (62/186,671) 2015-06-30
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[30] US (62/287,037) 2016-01-26
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[25] EN
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[54] **N□UD SISMIQUE REMORQUE**
[72] LAMBERT, DALE J., US
[71] ION GEOPHYSICAL CORPORATION, US
[85] 2017-12-22
[86] 2016-07-07 (PCT/US2016/041248)
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[51] **Int.Cl. B01D 53/22 (2006.01) B01D 63/02 (2006.01) B01D 63/04 (2006.01) B01D 63/10 (2006.01)**
[25] EN
[54] **GAS SEPARATION MEMBRANE MODULE FOR REACTIVE GAS SERVICE**
[54] **MODULE DE MEMBRANE DE SEPARATION DE GAZ POUR SERVICE DE GAZ REACTIF**
[72] KULKARNI, SUDHIR S., US
[72] BEERS, KARL S., US
[72] BLLAGUET, JEAN-PIERRE R., FR
[72] VAIDYA, MILIND M., US
[72] DUVAL, SEBASTIEN A., FR
[71] SAUDI ARABIAN OIL COMPANY, SA
[71] AIR LIQUIDE ADVANCED TECHNOLOGIES U.S. LLC, US
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[51] **Int.Cl. A61K 9/50 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR REDUCING ZOONOTIC INFECTIOUS DISEASES**
[54] **COMPOSITION ET PROCEDE POUR REDUIRE DES MALADIES INFECTIEUSES ZOONOTIQUES**
[72] ZATECHKA, DOUGLAS STEVEN, US
[71] US BIOLOGIC, INC, US
[85] 2017-12-22
[86] 2015-06-26 (PCT/US2015/037925)
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[30] US (62/017,699) 2014-06-26

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[51] **Int.Cl. B62B 7/08 (2006.01) B62B 7/00 (2006.01) B62B 7/06 (2006.01)**
[25] EN
[54] **COLLAPSIBLE STROLLER MECHANISM**
[54] **MECANISME DE POUSSETTE REPLIABLE**
[72] BASTIEN, RICHARD M., US
[72] SUKEFORTH, CARL J., US
[72] FRITZ, WARD A., US
[72] MONAHAN, ROBERT D., US
[71] MONAHAN PRODUCTS LLC, US
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[30] US (14/806,583) 2015-07-22

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[51] **Int.Cl. C07D 209/86 (2006.01) A61P 35/00 (2006.01) C07D 265/34 (2006.01) C07D 498/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU CANCER**
[72] NARLA, GOUTHAM, US
[72] OHLMEYER, MICHAEL, US
[72] MCQUAID, DANIEL, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[85] 2017-12-22
[86] 2016-06-23 (PCT/US2016/039022)
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[30] US (62/183,517) 2015-06-23

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[51] **Int.Cl. A23G 4/08 (2006.01)**
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[54] **GUM BASES FROM RENEWABLE SOURCES**
[54] **BASES DE GOMME ISSUES DE SOURCES RENOUVELABLES**
[72] PHILLIPS, DAVID R., US
[72] MORGRET, LES D., US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2017-12-22
[86] 2016-06-30 (PCT/US2016/040457)
[87] (WO2017/004401)
[30] US (62/188,187) 2015-07-02

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[51] **Int.Cl. A61K 31/407 (2006.01) A61K 38/41 (2006.01) A61K 38/48 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING DISORDERS ASSOCIATED WITH ANGIOGENESIS AND NEOVASCULARIZATION**
[54] **PROCEDES PERMETTANT DE TRAITER DES TROUBLES ASSOCIES A L'ANGIOGENESE ET A UNE NEOVASCULARISATION**
[72] BURIAN, GABRIELA, US
[72] GREENE, WILLIAM, US
[72] DORNBUSH, KIRK, US
[71] ICONIC THERAPEUTICS, INC., US
[85] 2017-12-22
[86] 2016-07-22 (PCT/US2016/043617)
[87] (WO2017/015582)
[30] US (62/195,709) 2015-07-22

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[51] **Int.Cl. A01N 43/54 (2006.01) A01P 13/00 (2006.01) C07D 239/34 (2006.01)**
[25] EN
[54] **ARYLOXYPYRIMIDINYL ETHERS AS HERBICIDES**
[54] **ETHERS D'ARYLOXYPYRIMIDINYLE EMPLOYES COMME HERBICIDES**
[72] STEVENSON, THOMAS MARTIN, US
[72] REDDY, RAVISEKHARA POCHIMIREDDY, IN
[71] E I DU PONT DE NEMOURS AND COMPANY, US
[85] 2017-12-22
[86] 2016-07-08 (PCT/US2016/041444)
[87] (WO2017/011288)
[30] US (62/191,560) 2015-07-13

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[13] A1
[51] **Int.Cl. G01R 35/00 (2006.01)**
[25] EN
[54] **PPS TAGGING OF ACOUSTIC SAMPLE DATA**
[54] **MARQUAGE PPS DE DONNEES D'ECHANTILLON ACOUSTIQUE**
[72] BURTEA, VALENTIN MIRCEA, CA
[71] MUELLER INTERNATIONAL, LLC, US
[85] 2017-12-22
[86] 2016-07-26 (PCT/US2016/044028)
[87] (WO2017/019678)
[30] US (14/811,866) 2015-07-29

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[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01)**
[25] EN
[54] **COATING FOR CAPTURING SULFIDES**
[54] **REVETEMENT POUR CAPTURER DES SULFURES**
[72] RAGHURAMAN, ARJUN, US
[72] WILLIAMSON, ALEXANDER, US
[72] GOYAL, SACHIT, US
[72] TAN, RUNYU, US
[72] MEDINA, JUAN CARLOS, US
[72] AOU, KAORU, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-12-22
[86] 2016-06-23 (PCT/US2016/039023)
[87] (WO2017/003819)
[30] US (62/186,669) 2015-06-30
[30] US (62/186,671) 2015-06-30
[30] US (62/186,645) 2015-06-30
[30] US (62/287,037) 2016-01-26

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[13] A1
[51] **Int.Cl. H01P 1/16 (2006.01) H01P 3/16 (2006.01) H01P 5/08 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR INDUCING A NON-FUNDAMENTAL WAVE MODE ON A TRANSMISSION MEDIUM**
[54] **PROCEDES ET APPAREIL POUR INDUIRE UN MODE D'ONDE NON FONDAMENTAL SUR UN SUPPORT DE TRANSMISSION**
[72] HENRY, PAUL SHALA, US
[72] BENNETT, ROBERT, US
[72] BARZEGAR, FARHAD, US
[72] GERSZBERG, IRWIN, US
[72] BARNICKEL, DONALD J., US
[72] WILLIS, THOMAS M., III., US
[71] AT&T INTELLECTUAL PROPERTY I, L.P., US
[85] 2017-12-22
[86] 2016-05-13 (PCT/US2016/032289)
[87] (WO2016/209403)
[30] US (14/750,917) 2015-06-25

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/145 (2006.01) A61B 5/1495 (2006.01)**
[25] EN
[54] **TRANSCUTANEOUS ANALYTE SENSORS AND MONITORS, CALIBRATION THEREOF, AND ASSOCIATED METHODS**
[54] **CAPTEURS D'ANALYTE ET MONITEURS TRANSCUTANES, LEUR ETALONNAGE, ET METHODES ASSOCIEES**
[72] GARCIA, ARTURO, US
[72] SIMPSON, PETER C., US
[72] KAMMATH, APURV ULLAS, US
[72] BHAVARAJU, NARESH C., US
[72] VANSLYKE, STEPHEN J., US
[71] DEXCOM, INC., US
[85] 2017-12-22
[86] 2016-09-08 (PCT/US2016/050814)
[87] (WO2017/044654)
[30] US (62/216,926) 2015-09-10

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[13] A1
[51] **Int.Cl. G01N 21/00 (2006.01) C03B 11/08 (2006.01) G01N 1/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING REFLECTED OPTICAL DISTORTION IN CONTOURED GLASS SHEETS**
[54] **SYSTEME ET PROCEDE DE MESURE D'UNE DISTORTION OPTIQUE REFLECHIE DANS DES FEUILLES DE VERRE PROFILEES**
[72] ADDINGTON, JASON C., US
[72] VILD, MICHAEL J., US
[72] MORAN, BENJAMIN L., US
[71] GLASSTECH, INC., US
[85] 2017-12-22
[86] 2016-05-17 (PCT/US2016/032837)
[87] (WO2016/209409)
[30] US (14/752,033) 2015-06-26

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND METHODS OF MAKING THEM**
[54] **PLANTES AYANT DE MEILLEURES CARACTERISTIQUES DE RENDEMENT ET LEUR PROCEDES DE PRODUCTION**
[72] MCLAREN, JAMES, US
[72] KAUR, JAGDEEP, US
[72] ERTL, DAVID, US
[72] BRYANT, DOUGLASS, US
[72] VENKATA, BALA, US
[71] IOWA CORN PROMOTION BOARD, US
[85] 2017-12-22
[86] 2016-06-23 (PCT/US2016/039052)
[87] (WO2016/210155)
[30] US (62/183,322) 2015-06-23

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[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SELECTIVE DEGRADATION OF WILD-TYPE DNA AND ENRICHMENT OF MUTANT ALLELES USING NUCLEASE**
[54] **DEGRADATION SELECTIVE DE L'ADN DE TYPE SAUVAGE ET ENRICHISSEMENT EN ALLELES MUTANTS A L'AIDE D'UNE NUCLEASE**
[72] MAKRIGIORGOS, GERASSIMOS, US
[72] SONG, CHEN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-12-22
[86] 2016-06-24 (PCT/US2016/039167)
[87] (WO2016/210224)
[30] US (62/183,854) 2015-06-24

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[13] A1
[51] **Int.Cl. B01D 21/26 (2006.01) B04C 5/081 (2006.01) C02F 1/38 (2006.01)**
[25] EN
[54] **MULTI-STAGE SEPARATION DEVICE FOR USE WITH FLOWABLE SYSTEM OF SUBSTANCES**
[54] **DISPOSITIF DE SEPARATION A ETAGES MULTIPLES A UTILISER AVEC UN SYSTEME DE SUBSTANCES POUVANT S'ECOULER**
[72] CRASTI, LEO, AU
[72] TOMLINSON, DAVID JOHN, AU
[71] TOMLE STRATEGIES PTY LTD, AU
[85] 2017-12-27
[86] 2016-06-23 (PCT/AU2016/000227)
[87] (WO2016/205867)
[30] AU (2015902459) 2015-06-25
[30] AU (2016901066) 2016-03-22

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[13] A1
[51] **Int.Cl. H01H 9/24 (2006.01) H01H 27/00 (2006.01) H01H 27/08 (2006.01)**
[25] EN
[54] **AN EQUIPMENT ISOLATION SWITCH ASSEMBLY**
[54] **ENSEMBLE COMMUTATEUR D'ISOLEMENT D'EQUIPEMENT**
[72] LANE, MICHAEL CHARLES, AU
[72] KACPEREK, KAZIMIERZ, AU
[72] MROSS, JACK, AU
[71] REMSAFE PTY LTD, AU
[85] 2017-12-27
[86] 2016-06-29 (PCT/AU2016/050558)
[87] (WO2017/000029)
[30] AU (2015902554) 2015-06-30

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[13] A1
[51] **Int.Cl. H01H 33/46 (2006.01) G05B 19/048 (2006.01) G05B 19/406 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **AN EQUIPMENT ISOLATION SYSTEM**
[54] **SYSTEME D'ISOLATION D'EQUIPEMENT**
[72] LANE, MICHAEL CHARLES, AU
[72] KACPEREK, KAZIMIERZ, AU
[72] MROSS, JACK, AU
[71] REMSAFE PTY LTD, AU
[85] 2017-12-27
[86] 2016-06-29 (PCT/AU2016/050557)
[87] (WO2017/000028)
[30] AU (2015902556) 2015-06-30

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[13] A1
[51] **Int.Cl. B65D 90/66 (2006.01) B65D 55/02 (2006.01)**
[25] EN
[54] **CONTAINER**
[54] **CONTENANT**
[72] JIAN, YUANLI, CN
[71] SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD., CN
[85] 2017-12-27
[86] 2016-06-22 (PCT/CN2016/086735)
[87] (WO2016/206586)
[30] CN (201510359362.4) 2015-06-25

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[13] A1
[51] **Int.Cl. G01N 33/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **CANCER THERAPY TARGETING TETRASPANIN 33 (TSPAN33) IN MYELOID DERIVED SUPPRESSOR CELLS**
[54] **CANCEROTHERAPIE CIBLANT LA TETRASPANINE 33 (TSPAN33) DANS DES CELLULES MYELOIDES SUPPRESSIVES**
[72] SUKHATME, VIKAS P., US
[72] HUSAIN, ZAHEED, US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[85] 2017-12-22
[86] 2016-06-24 (PCT/US2016/039201)
[87] (WO2016/210241)
[30] US (62/185,358) 2015-06-26
[30] US (62/185,409) 2015-06-26
[30] US (62/189,587) 2015-07-07

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[13] A1
[51] **Int.Cl. G05B 19/048 (2006.01) G05B 19/406 (2006.01) H01H 33/46 (2006.01) H02P 29/00 (2016.01)**
[25] EN
[54] **A REMOTE ISOLATION SYSTEM AND MOBILE DEVICE FOR USE IN THE REMOTE ISOLATION SYSTEM**
[54] **SYSTEME D'ISOLEMENT A DISTANCE ET DISPOSITIF MOBILE DESTINE A ETRE UTILISE DANS LEDIT SYSTEME D'ISOLEMENT A DISTANCE**
[72] LANE, MICHAEL CHARLES, AU
[71] REMSAFE PTY LTD, AU
[85] 2017-12-27
[86] 2016-06-30 (PCT/AU2016/050562)
[87] (WO2017/000032)
[30] AU (2015902562) 2015-06-30

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[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/20 (2006.01) A61K 9/24 (2006.01) A61K 31/454 (2006.01) A61K 31/498 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **SOLID PHARMACEUTICAL COMPOSITIONS FOR TREATING HCV**
[54] **COMPOSITIONS PHARMACEUTIQUES SOLIDES POUR LE TRAITEMENT DU VHC**
[72] SEVER, NANCY, US
[72] WESTEDT, ULRICH, DE
[72] LANDER, UTE, DE
[72] SCHNEIDER, KATRIN, DE
[72] STEITZ, BENEDIKT, DE
[72] MUELLER, THOMAS, DE
[72] REUL, REGINA, DE
[72] OBERMILLER, CONSTANZE, DE
[72] JAYASANKAR, ADIVARAHA, US
[72] SIMON, MICHAEL, DE
[72] GAO, YI, US
[72] HACH, HARALD, DE
[72] KYEREMATENG, SAMUEL, DE
[72] ASMUS, KATHARINA, DE
[72] TONG, PING, US
[72] ZHU, DONGHUA, US
[72] NARIS, MARIUS, US
[72] GARRETT, COLLEEN, US
[71] ABBVIE INC., US
[85] 2017-12-22
[86] 2016-06-24 (PCT/US2016/039266)
[87] (WO2016/210273)
[30] US (62/185,145) 2015-06-26
[30] US (62/186,154) 2015-06-29
[30] US (62/193,639) 2015-07-17
[30] US (62/295,309) 2016-02-15

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[13] A1
[51] **Int.Cl. A61K 47/14 (2017.01) A61K 31/5575 (2006.01) A61K 47/06 (2006.01)**
[25] EN
[54] **12H-BENZO[A]XANTHEN-12-ONES, COMPOSITIONS CONTAINING, AND USES OF, SAME**
[54] **12H-BENZO[A]XANTHEN-12-ONES, COMPOSITIONS LES CONTENANT ET LEURS UTILISATIONS**
[72] BEELEY, NIGEL ROBERT ARNOLD, US
[72] WELGUS, HOWARD GLENN, US
[72] BIRNBAUM, JAY EDWARD, US
[72] FOULKES, J. GORDON, US
[72] JENKINSON, CELIA PATRICIA, US
[72] SAURAT, JEAN HILAIRE, CH
[71] THESAN PHARMACEUTICALS, INC., US
[85] 2017-12-22
[86] 2016-06-08 (PCT/US2016/036337)
[87] (WO2016/209619)
[30] US (62/183,261) 2015-06-23

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[51] **Int.Cl. H01H 27/06 (2006.01) G05B 9/02 (2006.01) H01H 9/26 (2006.01) H01H 9/28 (2006.01) H01H 27/10 (2006.01)**
[25] EN
[54] **AN EQUIPMENT ISOLATION SYSTEM**
[54] **SYSTEME D'ISOLATION D'EQUIPEMENT**
[72] LANE, MICHAEL CHARLES, AU
[72] KACPEREK, KAZIMIERZ, AU
[72] MROSS, JACK, AU
[71] REMSAFE PTY LTD, AU
[85] 2017-12-27
[86] 2016-06-30 (PCT/AU2016/050566)
[87] (WO2017/000036)
[30] AU (2015902554) 2015-06-30
[30] AU (2015902557) 2015-06-30
[30] AU (050557) 2016-06-29

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[13] A1
[51] **Int.Cl. B26D 7/20 (2006.01) B26F 1/38 (2006.01)**
[25] EN
[54] **DIE CUTTER BLANKET FOR COUNTER-DIE OF ROTARY DIE CUTTING MACHINE, AND METHOD FOR MANUFACTURING THE SAME**
[54] **BLANCHET D'EMPORTE-PIECE POUR CONTRE-MATRICE DE MACHINE DE COUPE A L'EMPORTE-PIECE ROTATIVE**
[72] BORGES FERNANDEZ, DAVID, ES
[72] CABALEIRO CABALEIRO, JOAQUIN, ES
[72] ALVAREZ ALVAREZ, MARCELINO, ES
[71] RODICUT INDUSTRY S.A.U., ES
[85] 2017-12-27
[86] 2015-06-30 (PCT/EP2015/064847)
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[51] **Int.Cl. C09K 8/524 (2006.01) B01J 20/28 (2006.01) C09D 5/00 (2006.01)**
[25] EN
[54] **COATING FOR CAPTURING SULFIDES**
[54] **REVETEMENT POUR CAPTURER DES SULFURES**
[72] AGUIRRE VARGAS, FABIO, US
[72] RAGHURAMAN, ARJUN, US
[72] WILLIAMSON, ALEXANDER, US
[72] GOYAL, SACHIT, US
[72] MEDINA, JUAN CARLOS, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-12-22
[86] 2016-06-20 (PCT/US2016/038404)
[87] (WO2017/003745)
[30] US (62/186,669) 2015-06-30
[30] US (62/186,671) 2015-06-30
[30] US (62/186,645) 2015-06-30
[30] US (62/287,037) 2016-01-26
[30] US (62/312,113) 2016-03-23
[30] US (62/324,542) 2016-04-19

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[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) A61K 39/395 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **CONSTRUCTS TARGETING NY-ESO-1 PEPTIDE/MHC COMPLEXES AND USES THEREOF**
[54] **CONSTRUCTIONS CIBLANT DES COMPLEXES PEPTIDE NY-ESO-1/CMH ET LEURS UTILISATIONS**
[72] LIU, CHENG, US
[72] LIU, HONG, US
[72] XU, YIYANG, US
[72] XIANG, JINGYI, US
[71] EUREKA THERAPEUTICS, INC., US
[85] 2017-12-22
[86] 2016-06-24 (PCT/US2016/039416)
[87] (WO2016/210365)
[30] US (62/184,185) 2015-06-24

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[13] A1
[51] **Int.Cl. A61K 31/203 (2006.01) A61K 31/122 (2006.01) A61K 31/19 (2006.01) A61K 31/7036 (2006.01) A61K 31/7048 (2006.01) A61K 31/706 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **PATIENT TREATMENT VIA TERATOGENIC PHARMACEUTICAL COMPOUNDS**
[54] **TRAITEMENT DE PATIENTS PAR L'INTERMEDIAIRE DE COMPOSES PHARMACEUTIQUES TERATOGENES**
[72] SOON-SHIONG, PATRICK, US
[71] NANT HOLDINGS IP, LLC, US
[85] 2017-12-19
[86] 2016-05-02 (PCT/US2016/030391)
[87] (WO2016/176675)
[30] US (62/155,459) 2015-04-30

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[51] **Int.Cl. C09K 8/52 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **COMPOSITE ARTICLE**
[54] **ARTICLE COMPOSITE**
[72] MEYER, KEVIN J., US
[72] AOU, KAORU, US
[72] MEDINA, JUAN CARLOS, US
[72] POTTS, DOUGLAS L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-12-22
[86] 2016-06-21 (PCT/US2016/038466)
[87] (WO2017/003753)
[30] US (62/186,669) 2015-06-30
[30] US (62/186,645) 2015-06-30
[30] US (62/186,671) 2015-06-30

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[13] A1
[51] **Int.Cl. A61K 35/16 (2015.01) A61M 1/36 (2006.01)**
[25] EN
[54] **CRYOPRECIPITATE COMPOSITIONS AND METHODS OF PREPARATION THEREOF**
[54] **COMPOSITIONS DE CRYOPRECIPITES ET LEURS PROCEDES DE PREPARATION**
[72] CORASH, LAURENCE, US
[72] WEINER, ELAN, US
[72] HOLTAN, MELODY, US
[72] BENJAMIN, RICHARD, US
[71] CERUS CORPORATION, US
[85] 2017-12-22
[86] 2016-06-24 (PCT/US2016/039428)
[87] (WO2016/210374)
[30] US (62/185,519) 2015-06-26
[30] US (62/245,927) 2015-10-23

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[13] A1
[51] **Int.Cl. H04W 4/02 (2018.01)**
[25] EN
[54] **DATA INTERACTION PROCESSING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'INTERACTION DE DONNEES**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2017-12-20
[86] 2015-06-30 (PCT/CN2015/082748)
[87] (WO2017/000153)

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[13] A1
[51] **Int.Cl. B01J 8/44 (2006.01) B01J 8/00 (2006.01) B01J 19/30 (2006.01) B01J 19/32 (2006.01)**
[25] EN
[54] **A FLUID SOLIDS CONTACTING DEVICE**
[54] **DISPOSITIF DE MISE EN CONTACT DE MATIERES SOLIDES AVEC UN FLUIDE**
[72] PRETZ, MATTHEW T., US
[72] SANDOVAL, FERMIN A., US
[72] SHAW, DON F., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-12-22
[86] 2016-06-26 (PCT/US2016/039461)
[87] (WO2017/003884)
[30] US (14/755,008) 2015-06-30

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **METHOD FOR ESTABLISHING INTERACTION RELATIONSHIP, AND INTERACTION TERMINAL**
[54] **PROCEDE D'ETABLISSEMENT D'UNE RELATION D'INTERACTION, ET TERMINAL D'INTERACTION**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2017-12-22
[86] 2015-06-30 (PCT/CN2015/082770)
[87] (WO2017/000171)

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[13] A1
[51] **Int.Cl. A47J 31/08 (2006.01) A47G 19/16 (2006.01) A47J 31/06 (2006.01) A47J 31/10 (2006.01) B01D 29/07 (2006.01)**
[25] EN
[54] **DISPOSABLE CARTRIDGE FOR USE AS A FILTER, IN PARTICULAR FOR THE INFUSION OF SOLUBLE ELEMENTS, AROMATIC HERBS SUCH AS TEA, COFFEE, CHAMOMILE, ETC**
[54] **ELEMENT JETABLE DESTINE A ETRE UTILISE EN TANT QUE FILTRE, SPECIALEMENT POUR INFUSER DES ELEMENTS SOLUBLES, DES HERBES AROMATIQUES COMME DU THE, DU CAFE, DE LA CAMOMILLE ET AUTRES**
[72] LLACH VILLALOBOS, GONZALO FELIPE, CL
[71] LLACH VILLALOBOS, GONZALO FELIPE, CL
[85] 2017-12-27
[86] 2016-01-13 (PCT/CL2016/000001)
[87] (WO2016/205964)
[30] CL (1843-2015) 2015-06-25

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **ACTIVELY CONTROLLABLE HEART VALVE IMPLANT AND METHODS OF CONTROLLING SAME**
[54] **IMPLANT DE VALVE CARDIAQUE POUVANT ETRE COMMANDE DE MANIERE ACTIVE ET PROCEDES DE COMMANDE DE CELUI-CI**
[72] GREENE, JAMES L., US
[72] JIMENEZ, JORGE, US
[72] CARTLEDGE, RICHARD, US
[72] DEVILLE, DEREK DEE, US
[72] SMITH, KEVIN W., US
[71] EDWARDS LIFESCIENCE CARDIAQ LLC, US
[85] 2017-12-22
[86] 2016-06-22 (PCT/US2016/038776)
[87] (WO2016/209970)
[30] US (62/182,820) 2015-06-22
[30] US (62/183,451) 2015-06-23
[30] US (15/189,786) 2016-06-22

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[13] A1
[51] **Int.Cl. A61B 5/1459 (2006.01) A61B 5/145 (2006.01) G01N 21/00 (2006.01)**
[25] EN
[54] **TRANSCUTANEOUS READER FOR USE WITH IMPLANTABLE ANALYTE SENSORS**
[54] **LECTEUR TRANSCUTANE DESTINE A ETRE UTILISE AVEC DES CAPTEURS D'ANALYTES IMPLANTABLES**
[72] COLVIN, ARTHUR E., JR., US
[72] MCMILLAN, WILLIAM A., US
[72] PULLINS, STEVEN, US
[71] PROFUSA, INC., US
[85] 2017-12-22
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[30] US (62/184,785) 2015-06-25
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[25] EN
[54] **ECCENTRICALLY ROTATING MASS TURBINE**
[54] **TURBINE A MASSE TOURNANT DE FACON EXCENTREE**
[72] VAMVAS, VASSILIOS, US
[71] VAMVAS, VASSILIOS, US
[85] 2017-12-22
[86] 2016-06-27 (PCT/US2016/039587)
[87] (WO2017/003932)
[30] US (62/185,627) 2015-06-28
[30] US (62/210,455) 2015-08-27
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[13] A1
[51] **Int.Cl. A61B 5/0452 (2006.01) A61B 5/04 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **DATA PROCESSING APPARATUS FOR ASSESSING A CONDITION OF A MYOCARDIUM**
[54] **APPAREIL DE TRAITEMENT DE DONNEES POUR L'EVALUATION DE L'ETAT D'UN MYOCARDE**
[72] ALEKSEEV, MIKHAIL, RU
[72] ALEKSEEV, ALEKSANDR, RU
[72] SIEGLE, REINHARD, DE
[72] RODER, GUNTHER, DE
[71] ALEKSEEV ALEKSEEV SIEGLE RODER GBR, DE
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[87] (WO2017/008901)
[30] EP (15002065.9) 2015-07-10
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[25] EN
[54] **THROMBOXANE RECEPTOR ANTAGONISTS IN AERD/ASTHMA**
[54] **ANTAGONISTES DU RECEPTEUR DU THROMBOXANE DANS LA MREA/L'ASTHME**
[72] PAVLIV, LEO, US
[71] CUMBERLAND PHARMACEUTICALS, INC., US
[85] 2017-12-22
[86] 2016-06-28 (PCT/US2016/039816)
[87] (WO2017/004040)
[30] US (62/186,644) 2015-06-30

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[51] **Int.Cl. A24B 15/16 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **HEAT GENERATION SEGMENT FOR AN AEROSOL-GENERATION SYSTEM OF A SMOKING ARTICLE**
[54] **SEGMENT DE GENERATION CALORIFIQUE POUR SYSTEME DE GENERATION D'AEROSOL D'ARTICLE A FUMER**
[72] NORDSKOG, BRIAN KEITH, US
[72] JACKSON, THADDEUS J., US
[72] DUGGINS, DONNA WALKER, US
[72] GERARDI, ANTHONY RICHARD, US
[71] R. J. REYNOLDS TOBACCO COMPANY, US
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[30] US (14/755,205) 2015-06-30

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[51] **Int.Cl. A61G 1/02 (2006.01) A61G 1/04 (2006.01) A61G 7/05 (2006.01) B62B 5/04 (2006.01)**
[25] EN
[54] **BRAKE ASSISTANCE SYSTEM FOR PATIENT HANDLING EQUIPMENT**
[54] **SYSTEME D'ASSISTANCE AU FREINAGE POUR EQUIPEMENT DE MANIPULATION DE PATIENT**
[72] JONSSON, JORGEN, SE
[72] ALIM, MUSADJAN, SE
[72] SMITH, DANNY, SE
[72] HOMBERG, ULF, SE
[72] PETERSSON, DANIEL, SE
[71] ARJOHUNTLEIGH AB, SE
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[51] **Int.Cl. H04L 12/931 (2013.01) H04B 10/80 (2013.01) H04J 14/02 (2006.01) H04Q 11/02 (2006.01)**
[25] EN
[54] **PHOTONIC SWITCHES, PHOTONIC SWITCHING FABRICS AND METHODS FOR DATA CENTERS**
[54] **COMMUTATEURS PHOTONIQUES, MATRICES DE COMMUTATION PHOTONIQUE ET PROCEDES POUR DES CENTRES DE TRAITEMENT DE DONNEES**
[72] MENARD, FRANCOIS, CA
[72] BERARD, MARTIN, CA
[72] BRIERE, JONATHAN, CA
[71] AEPONYX INC., CA
[85] 2017-09-25
[86] 2016-03-23 (PCT/CA2016/000084)
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[25] EN
[54] **CREATION OF CHRYSANTHEMUM WITH BLUE FLOWER COLOR**
[54] **CREATION DE CHRYSANTHEMES A FLEURS DE COULEUR BLEUE**
[72] NODA, NAONOBU, JP
[72] AIDA, RYUTARO, JP
[72] HONGO, SATOSHI, JP
[72] SATO, SANAE, JP
[72] TANAKA, YOSHIKAZU, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2017-12-27
[86] 2016-06-30 (PCT/JP2016/069536)
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[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM OF TRANSPORTER VEHICLE, TRANSPORTER VEHICLE, AND CONTROL METHOD OF TRANSPORTER VEHICLE**
[54] **DISPOSITIF DE COMMANDE D'UN VEHICULE TRANSPORTEUR, VEHICULE TRANSPORTEUR ET METHODE DE COMMANDE DE VEHICULE TRANSPORTEUR**
[72] MINAGAWA, MASANORI, JP
[72] FUJI, HIROSHI, JP
[72] OSAGAWA, KENTA, JP
[71] KOMATSU LTD., JP
[85] 2017-12-27
[86] 2017-03-31 (PCT/JP2017/013799)
[87] (WO2017/171073)

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[51] **Int.Cl. B60P 1/16 (2006.01) F15B 11/04 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR DUMP TRUCK, DUMP TRUCK, AND CONTROL METHOD FOR DUMP TRUCK**
[54] **DISPOSITIF DE COMMANDE DE CAMION A BENNE, CAMION A BENNE ET METHODE DE COMMANDE D'UN CAMION A BENNE**
[72] OSAGAWA, KENTA, JP
[72] TAKEDA, KOJI, JP
[71] KOMATSU LTD., JP
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[51] **Int.Cl. E02D 31/00 (2006.01) E04B 2/42 (2006.01) E04F 13/00 (2006.01) G21F 1/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR REDUCING A FLOW OF SOIL AIR TO INDOOR AIR IN A BUILDING**
[54] **PROCEDE ET DISPOSITIF DE REDUCTION D'UN FLUX AIR DE SOL VERS AIR INTERIEUR DANS UN BATIMENT**
[72] HALLBERG, PER, SE
[71] HALLBERG, PER, SE
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[86] 2016-07-01 (PCT/SE2016/050676)
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[30] SE (1550959-9) 2015-07-03

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[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **JEWELRY CUSTOMIZATION SYSTEM**
[54] **SYSTEME DE PERSONNALISATION DE BIJOUX**
[72] MORDOVSKOI, YURI, US
[72] NALBANDIAN, ARMEN, US
[71] A&I INC., US
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[51] **Int.Cl. A61K 31/192 (2006.01) A61K 31/235 (2006.01)**
[25] EN
[54] **DIACEREIN OR RHEIN TOPICAL FORMULATIONS AND USES THEREOF**
[54] **FORMULATIONS TOPIQUES DE RHEINE OU DE DIACEREINE, ET UTILISATIONS DE CELLES-CI**
[72] BROWN, CARL OSCAR, III, US
[72] CHEN, CHIH-KUANG, TW
[72] LEE, JING-YI, TW
[72] LU, WEI-SHU, TW
[71] TWI BIOTECHNOLOGY, INC., TW
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[86] 2016-06-30 (PCT/US2016/040287)
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[51] **Int.Cl. A61M 5/178 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **AUTO-INJECTORS FOR ADMINISTRATION OF A MEDICAMENT WITHIN A PREFILLED SYRINGE**
[54] **AUTO-INJECTEURS DESTINES A L'ADMINISTRATION D'UN MEDICAMENT A L'INTERIEUR D'UNE SERINGUE PRE-REMPLIE**
[72] EDWARDS, ERIC S., US
[72] EDWARDS, EVAN T., US
[72] MEYERS, PAUL F., US
[71] KALEO, INC., US
[85] 2017-12-27
[86] 2016-06-30 (PCT/US2016/040333)
[87] (WO2017/004345)
[30] US (62/186,939) 2015-06-30
[30] US (62/194,599) 2015-07-20
[30] US (62/249,056) 2015-10-30

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[51] **Int.Cl. B29C 55/02 (2006.01) B29D 22/00 (2006.01) B32B 7/04 (2006.01) B65D 33/00 (2006.01)**
[25] EN
[54] **MULTI-LAYER THERMOPLASTIC FILMS AND BAGS WITH ENHANCED ODOR CONTROL AND METHODS OF MAKING THE SAME**
[54] **FILM THERMOPLASTIQUE MULTICOUCHE ET SACS PRESENTANT UN CONTROLE AMELIORE DES ODEURS ET PROCEDES POUR LES FABRIQUER**
[72] JEAN-MARY, FLEUMINGUE, US
[72] LIU, ZAIYOU, US
[72] HOLLINGSHEAD, JUDITH A., US
[72] KEMP, HELEN R., US
[72] BROERING, SHAUN T., US
[72] PHILLIP, ANGELA, US
[72] DORSEY, ROBERT T., US
[72] FERRACANE, DEAN, US
[72] KUHL, SARAH A., US
[72] STIGLIC, JEFFREY S., US
[72] RODRIGUEZ, CARMEN N., US
[72] DODSON, ERIC D., US
[72] MCELROY, LAURA L., US
[72] DIERSING, STEVEN L., US
[72] WENE, MELISSA J., US
[71] THE GLAD PRODUCTS COMPANY, US
[85] 2017-12-27
[86] 2016-07-08 (PCT/US2016/041459)
[87] (WO2017/007996)
[30] US (62/190,125) 2015-07-08
[30] US (15/204,683) 2016-07-07

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[13] A1
[51] **Int.Cl. F02F 3/12 (2006.01) F02F 3/02 (2006.01)**
[25] EN
[54] **PISTON FOR AN INTERNAL COMBUSTION ENGINE**
[54] **PISTON POUR MOTEUR A COMBUSTION INTERNE**
[72] DIMASCIO, PAUL STEPHEN, US
[72] GACA, MAGDALENA, PL
[72] ZAJAC, PIOTR, PL
[72] NIEDZIELA, SEBASTIAN, PL
[72] PEARSON, LUKE, GB
[71] GE JENBACHER GMBH & CO OHG, AT
[71] GE JENBACHER GMBH & CO OG, AT
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[87] (WO2017/004645)
[30] AT (A 429/2015) 2015-07-03

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[13] A1
[51] **Int.Cl. F25B 40/02 (2006.01) A61B 18/02 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **N2O LIQUEFACTION SYSTEM WITH SUBCOOLING HEAT EXCHANGER FOR MEDICAL DEVICE**
[54] **SYSTEME DE LIQUEFACTION DE N2O AVEC ECHANGEUR DE CHALEUR DE SOUS-REFROIDISSEMENT POUR DISPOSITIF MEDICAL**
[72] MAHROUCHE, RACHID, CA
[72] MONGER, ERIC, CA
[72] TZONEV, VLADIMIR, CA
[71] MEDTRONIC CRYOCATH LP, CA
[85] 2017-12-28
[86] 2016-06-10 (PCT/CA2016/050669)
[87] (WO2017/000064)
[30] US (14/790,465) 2015-07-02
[30] US (15/012,366) 2016-02-01

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[13] A1
[51] **Int.Cl. F17C 7/04 (2006.01) F17C 13/02 (2006.01)**
[25] EN
[54] **MULTI-VESSEL FLUID STORAGE AND DELIVERY SYSTEM**
[54] **SYSTEME DE STOCKAGE ET DE DISTRIBUTION DE FLUIDE A RESERVOIRS MULTIPLES**
[72] GARNER, GAGE D., CA
[72] OGMEN, MELIH, CA
[71] WESTPORT POWER INC., CA
[85] 2017-12-28
[86] 2016-06-29 (PCT/CA2016/050766)
[87] (WO2017/000072)
[30] US (62/186,207) 2015-06-29

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[51] **Int.Cl. E21B 47/12 (2012.01)**
[25] EN
[54] **PIPING ASSEMBLY CONTROL SYSTEM WITH ADDRESSED DATAGRAMS**
[54] **SYSTEME DE COMMANDE D'ENSEMBLE DE TUYAUTERIE DOTE DE DATAGRAMMES ADRESSES**
[72] LERNER, DANIEL MAURICE, US
[72] ORBAN, ANDRE, US
[71] AOI (ADVANCED OILFIELD INNOVATIONS, INC), US
[85] 2017-12-27
[86] 2015-06-16 (PCT/US2015/036032)
[87] (WO2015/200048)
[30] US (62/017,030) 2014-06-25

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[51] **Int.Cl. H04L 29/06 (2006.01) G06F 3/0481 (2013.01) G06F 15/16 (2006.01)**
[25] EN
[54] **METHOD FOR COMMUNICATING SENSITIVE INCIDENT INFORMATION AND LOCATIONS TO RECEIVERS**
[54] **PROCEDE PERMETTANT DE COMMUNIQUER DES INFORMATIONS D'INCIDENT SENSIBLES ET DES EMPLACEMENTS A DES RECEPTEURS**
[72] BENDER, GREGORY T., US
[71] BENDER, GREGORY T., US
[85] 2017-12-27
[86] 2015-07-29 (PCT/US2015/042688)
[87] (WO2017/003494)
[30] US (14/754,655) 2015-06-29

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[13] A1
[51] **Int.Cl. A61M 13/00 (2006.01) A61B 17/00 (2006.01) A61B 17/34 (2006.01) B01D 46/00 (2006.01)**
[25] EN
[54] **MULTIPATH FILTER ASSEMBLY WITH INTEGRATED GASEOUS SEAL FOR MULTIMODAL SURGICAL GAS DELIVERY SYSTEM**
[54] **ENSEMBLE FILTRE MULTIVOIES AVEC JOINT GAZEUX INTEGRE POUR SYSTEME DE DELIVRANCE DE GAZ CHIRURGICAL MULTIMODAL**
[72] MASTRI, DOMINICK, US
[72] ZERGIEBEL, EARL M., US
[72] AUGELLI, MICHAEL J., US
[72] BLIER, KENNETH, US
[72] STEARNS, RALPH, US
[71] SURGIQUEST, INC., US
[85] 2017-12-27
[86] 2016-06-17 (PCT/US2016/037976)
[87] (WO2017/003712)
[30] US (62/186,549) 2015-06-30

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[13] A1
[51] **Int.Cl. E04B 1/343 (2006.01) E04B 1/38 (2006.01)**
[25] EN
[54] **MODULAR BUILDING SYSTEM AND KIT THEREFOR**
[54] **SYSTEME DE CONSTRUCTION MODULAIRE ET KIT A CET EFFET**
[72] GUERN, JEAN-CHRISTOPHE, CA
[71] UNIPI CANADA INC., CA
[85] 2017-12-28
[86] 2016-06-30 (PCT/CA2016/050775)
[87] (WO2017/000076)
[30] CA (2,895,868) 2015-06-30

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[13] A1
[51] **Int.Cl. A61K 31/4025 (2006.01) A61K 31/427 (2006.01) A61K 31/497 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING HCV**
[54] **METHODES DE TRAITEMENT DU VHC**
[72] VILCHEZ, REGIS A., US
[72] RODRIGUES, LINO X., JR., US
[72] BERNSTEIN, BARRY M., US
[72] PODSADECKI, THOMAS J., US
[72] BRUN, SCOTT C., US
[72] COHEN, DANIEL E., US
[72] MENON, RAJEEV M., US
[72] KHATRI, AMIT, US
[72] MENSING, SVEN, DE
[72] DUTTA, SANDEEP, US
[72] AWNI, WALID M., US
[72] DUMAS, EMILY O., US
[72] KLEIN, CHERI E., US
[72] BAYKAL, TOLGA, US
[71] ABBVIE INC., US
[85] 2017-12-27
[86] 2016-06-28 (PCT/US2016/039838)
[87] (WO2017/004053)
[30] US (62/186,185) 2015-06-29
[30] US (62/267,623) 2015-12-15

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[13] A1
[51] **Int.Cl. H04W 24/00 (2009.01)**
[25] EN
[54] **METHOD, ACCESS POINT, AND STATION FOR TRANSMITTING CHANNEL STATE INFORMATION**
[54] **PROCEDE POUR TRANSMETTRE DES INFORMATIONS D'ETAT DE CANAL, POINT D'ACCES ET STATION**
[72] YU, JIAN, CN
[72] YANG, XUN, CN
[72] GAN, MING, CN
[72] LIN, MEILU, CN
[72] LOC, PETER, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-12-28
[86] 2015-07-02 (PCT/CN2015/083186)
[87] (WO2017/000308)

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[13] A1
[51] **Int.Cl. G21G 1/06 (2006.01)**
[25] EN
[54] **YTTRIUM-90 PRODUCTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PRODUCTION D'YTTRIUM-90**
[72] TSANG, FRANCIS YU-HEI, US
[71] GLOBAL MEDICAL ISOTOPE SYSTEMS LLC, US
[85] 2017-12-27
[86] 2016-06-28 (PCT/US2016/039898)
[87] (WO2017/004088)
[30] US (62/185,734) 2015-06-29

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[13] A1
[51] **Int.Cl. G06F 3/06 (2006.01)**
[25] EN
[54] **DATA PROCESSING METHOD AND APPARATUS, AND FLASH DEVICE**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE DONNEES ET DISPOSITIF DE MEMOIRE FLASH**
[72] ZHOU, JIANHUA, CN
[72] ZHANG, PO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-12-28
[86] 2016-09-29 (PCT/CN2016/100824)
[87] (WO2017/054756)
[30] CN (201510629175.3) 2015-09-29

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[13] A1
[51] **Int.Cl. G01R 15/04 (2006.01) G01R 15/14 (2006.01) G01R 15/26 (2006.01) H04Q 9/00 (2006.01)**
[25] EN
[54] **VOLTAGE MEASUREMENT AND WIRELESS COMMUNICATION SYSTEM**
[54] **MESURE DE TENSIONS ET SYSTEME DE COMMUNICATION SANS FIL**
[72] CARSON, MICHAEL DAVID, US
[72] BROWER, JOHN EDWARD, US
[72] DOWDELL, JOSEPH NEUHAUS, US
[71] HUBBELL INCORPORATED, US
[85] 2017-12-22
[86] 2016-06-29 (PCT/US2016/040061)
[87] (WO2017/004182)
[30] US (62/188,283) 2015-07-02

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[13] A1
[51] **Int.Cl. A61F 2/04 (2013.01) A61F 2/00 (2006.01) A61F 2/02 (2006.01) A61F 2/48 (2006.01) A61F 2/72 (2006.01)**
[25] EN
[54] **BODY CANAL CONTACTING MEANS FOR BODY FLUID FLOW CONTROL METHODS AND DEVICES**
[54] **MOYEN DE CONTACT AVEC UN CANAL CORPOREL POUR PROCEDES ET DISPOSITIFS DE REGULATION DE L'ECOULEMENT DE FLUIDES CORPORELS**
[72] SAYET, PETER, US
[71] PRECISION MEDICAL DEVICES, INC., US
[85] 2017-12-27
[86] 2016-08-22 (PCT/US2016/047963)
[87] (WO2017/035050)
[30] US (14/837,113) 2015-08-27

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[13] A1
[51] **Int.Cl. A61N 1/08 (2006.01) A61N 1/05 (2006.01) A61N 1/362 (2006.01) H01Q 1/27 (2006.01) H01Q 1/36 (2006.01) H01Q 1/40 (2006.01)**
[25] EN
[54] **TELEMETRY PORT FOR IMPLANTED MEDICAL DEVICE**
[54] **ACCES DE TELEMESURE POUR DISPOSITIF MEDICAL IMPLANTE**
[72] SAYET, PETER, US
[71] PRECISION MEDICAL DEVICES, INC., US
[85] 2017-12-27
[86] 2016-08-22 (PCT/US2016/047966)
[87] (WO2017/035051)
[30] US (14/837,135) 2015-08-27

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[13] A1
[51] **Int.Cl. G01C 21/32 (2006.01) G06Q 10/06 (2012.01) G06F 19/00 (2018.01) G08G 1/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATIC PATH MANAGEMENT**
[54] **SYSTEMES ET PROCEDES DE GESTION DE TRAJET AUTOMATIQUE**
[72] DOUGLAS, LAWRENCE, US
[72] CLARKE, THOMAS C., US
[72] NALLY, DEBORAH, US
[71] DOUGLAS, LAWRENCE, US
[71] CLARKE, THOMAS C., US
[71] NALLY, DEBORAH, US
[85] 2017-12-27
[86] 2016-06-29 (PCT/US2016/040045)
[87] (WO2017/004171)
[30] US (62/187,078) 2015-06-30

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[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST OVARIAN CANCER AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISON DE PEPTIDES A UTILISER EN IMMUNOTHERAPIE CONTRE LE CANCER DE L'OVAIRE ET D'AUTRES CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] HORZER, HELEN, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2017-12-28
[86] 2016-06-29 (PCT/EP2016/065166)
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[72] FRITZ, JOCHEN, DE
[72] JAGER, CHRISTOPH, DE
[72] KLEMM, TONI, DE
[72] SCHMIDT, STEFFEN, DE
[72] WITZEL, ROLF, DE
[71] KSB AKTIENGESELLSCHAFT, DE
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[54] **WHEEL DRIVE MECHANISM FOR PATIENT HANDLING EQUIPMENT**
[54] **MECANISME D'ENTRAINEMENT DE VOLANT POUR EQUIPEMENT DE MANIPULATION DE PATIENT**
[72] JONSSON, JORGEN, SE
[71] ARJOHUNTLEIGH AB, SE
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[54] **METHODS CIRCUITS DEVICES ASSEMBLIES SYSTEMS AND ASSOCIATED COMPUTER EXECUTABLE CODE FOR SENSING AND ANALYZING FLUID CHARACTERISTICS WITHIN A CONDUIT OF A MEDICAL DEVICE AND AIR BUBBLES THEREIN**
[54] **PROCEDES, CIRCUITS, DISPOSITIFS, ENSEMBLES, SYSTEMES ET CODE EXECUTABLE PAR ORDINATEUR ASSOCIE POUR LA DETECTION ET L'ANALYSE DE CARACTERISTIQUES DE FLUIDES DANS UN CONDUIT D'UN DISPOSITIF MEDICAL ET DE BULLES D'AIR QUI Y SONT CONTENUES**
[72] EITAN, BOAZ, IL
[72] YOSEF, ANDREI, IL
[72] LEVY, CARMIT, IL
[72] MIZRAHI, DAVID, IL
[72] SHTOLTZ, RAM, IL
[72] GREENFIELD, RAFI, IL
[71] Q-CORE MEDICAL LTD., IL
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[54] **CONFIGURABLE PATIENT SLING**
[54] **ATTELLE DE PATIENT CONFIGURABLE**
[72] FALK, THOMAS, SE
[72] GRAM, LOTTA, SE
[72] RUBIN, MARIE, SE
[71] ARJOHUNTLEIGH AB, SE
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[54] **A STRATEGY GAME OF TERRITORIAL CONQUEST**
[54] **JEU DE STRATEGIE DE CONQUETE TERRITORIALE**
[72] GOLDSTEIN, BEN-ZION YITZCHAK, IL
[72] GLUECK, MOSHE BRACHYA, IL
[71] GOLDSTEIN, BEN-ZION YITZCHAK, IL
[71] GLUECK, MOSHE BRACHYA, IL
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[54] **DEVICE FOR MANUFACTURING CHOPPED FIBER BUNDLE AND METHOD FOR MANUFACTURING SAME**
[54] **DISPOSITIF POUR FABRIQUER UN FAISCEAU DE FIBRES COUPEES ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] NOGUCHI, YASUMOTO, JP
[72] SUZUKI, TAMOTSU, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **HETERO TYPE MONODISPERSED POLYETHYLENE GLYCOL, INTERMEDIATE FOR PRODUCTION OF HETERO TYPE MONODISPERSED POLYETHYLENE GLYCOL, METHODS FOR PRODUCING SAME, AND HETERO TYPE MONODISPERSED POLYETHYLENE GLYCOL CONJUGATE**
[54] **POLYETHYLENEGLYCOL MONODISPERSE DE TYPE HETERO, INTERMEDIAIRE POUR LA PRODUCTION DE POLYETHYLENEGLYCOL MONODISPERSE DE TYPE HETERO, PROCEDES POUR LEUR PREPARATION ET CONJUGUE DE POLYETHYLENEGLYCOL MONODISPERSE DE TYPE HETERO**
[72] KINBARA, KAZUSHI, JP
[72] MURAOKA, TAKAHIRO, JP
[72] WAWRO, ADAM MARCIN, JP
[72] OHTAKE, TOMOYUKI, JP
[72] KANG, EUI-CHUL, JP
[72] URUGA, TOMOKI, JP
[72] IMAMURA, RYUTARO, JP
[71] TOHOKU TECHNO ARCH CO., LTD., JP
[71] NOF CORPORATION, JP
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[54] **ALBUMIN-SUGAR CHAIN COMPLEX**
[54] **COMPLEXE D'ALBUMINE-CHAINE DE SUCRE**
[72] TANAKA, KATSUNORI, JP
[72] WATANABE, YASUYOSHI, JP
[72] OGURA, AKIHIRO, JP
[72] YAMAMOTO, TAKAHIRO, JP
[71] GLYTECH, INC., JP
[71] RIKEN, JP
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[25] EN
[54] **PIECE OF FABRIC FOR MANUAL SEWING PROJECTS AND METHOD OF CREATING SAID PROJECTS WITH SAID FABRIC**
[54] **MORCEAU DE TOILE POUR TRAVAUX MANUELS DE COUTURE ET PROCEDE DE CONFECTION DESDITS TRAVAUX AVEC LEDIT MORCEAU**
[72] FELIU DE LA PENA CALVO, JORDI, ES
[71] DAMA INTERNACIONAL 1991, S.A., ES
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[25] EN
[54] **DEPOT PREPARATION CONTAINING CITRIC ACID ESTER**
[54] **PREPARATION DE DEPOT CONTENANT UN ESTER D'ACIDE CITRIQUE**
[72] MIYAZAKI, TATSUYA, JP
[72] MASAKI, KENJI, JP
[72] TAKAHASHI, KYOHEI, JP
[72] YAMADA, KAZUHITO, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
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[54] **CLOSED TANK FOR FISH FARMING AND METHOD FOR TRANSPORTING FISH INTO AND OUT FROM SUCH TANK**
[54] **RESERVOIR FERME POUR LA PISCICULTURE ET PROCEDE POUR LE TRANSPORT DE POISSONS DANS UN TEL RESERVOIR ET HORS DE CELUI-CI**
[72] BERGE, ARNE, NO
[71] ARNE KONSULENT & SALG AS, NO
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[25] EN
[54] **STEEL STRUCTURE FOR HYDROGEN GAS WITH EXCELLENT HYDROGEN EMBRITTLEMENT RESISTANCE IN HIGH PRESSURE HYDROGEN GAS AND METHOD OF PRODUCING THE SAME**
[54] **STRUCTURE D'ACIER POUR L'HYDROGENE, PRESENTANT D'EXCELLENTES PROPRIETES DE RESISTANCE A LA FRAGILISATION PAR L'HYDROGENE DANS L'HYDROGENE GAZEUX A HAUTE PRESSION, ET SON PROCEDE DE PRODUCTION**
[72] NAGAO, AKIHIDE, JP
[72] TAKAGI, SHUSAKU, JP
[71] JFE STEEL CORPORATION, JP
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[54] **MOYEN D'INTERVERROUILLAGE ET SAC LE COMPRENANT**
[72] OIKE, TAKAYUKI, JP
[72] OBAYASHI, MASAYUKI, JP
[71] C.I. TAKIRON CORPORATION, JP
[85] 2017-12-28
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[25] EN
[54] **METHOD FOR PRODUCING 7H-PYRROLO[2, 3-D]PYRIMIDINE DERIVATIVE AND INTERMEDIATE THEREOF**
[54] **PROCEDE DE PRODUCTION DE DERIVE DE 7H-PYROLLO[2,3-D]PYRIMIDINE ET INTERMEDIAIRE CORRESPONDANT**
[72] YAMASAKI, TAKAHIRO, JP
[72] HARA, YOSHINORI, JP
[72] SAKAI, TAKAYUKI, JP
[72] MURAKAMI, KENGO, JP
[72] HARA, KATSUYOSHI, JP
[72] MANTA, NAOKI, JP
[71] JAPAN TOBACCO INC., JP
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[25] EN
[54] **RECOVERY OF PHOSPHOROUS**
[54] **RECUPERATION DE PHOSPHORE**
[72] VOOGT, NICOLAAS, NL
[71] CDEM B.V., NL
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[25] EN
[54] **ATTENUATED INFLUENZA VECTORS FOR THE PREVENTION AND/OR TREATMENT OF INFECTIOUS DISEASES AND FOR THE TREATMENT OF ONCOLOGICAL DISEASES**
[54] **VECTEURS DE GRIPPE ATTENUES UTILISES POUR LA PROPHYLAXIE ET/OU LE TRAITEMENT DE MALADIES INFECTIEUSES AINSI QUE POUR LE TRAITEMENT DE MALADIES ONCOLOGIQUES**
[72] EGOROV, ANDREI YURIEVICH, RU
[72] FERKO, BORIS, AT
[72] KROKHIN, ARTEM ALEXANDROVICH, RU
[72] ROMANOVA, YULIA ROMANOVNA, RU
[71] «PHARMENTERPRISES BIOTECH» LIMITED LIABILITY COMPANY, RU
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[25] EN
[54] **KERROS OR LAYERED NON-CONDUCTIVE RINGED SEALING PANCAKE GASKET ASSEMBLY**
[54] **ENSEMBLE JOINT D'ETANCHEITE EN GALETTE A BAGUES NON CONDUCTEUR KERROS OU A COUCHES**
[72] SINGH, RANJIT K., US
[72] LERNER, DANIEL MAURICE, US
[72] LERNER, ANDREW, US
[72] ORBAN, ANDRE, US
[71] AOI (ADVANCED OILFIELD INNOVATIONS, INC), US
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[54] **QUORUM SENSING INHIBITORS FOR BIOFILM INHIBITION**
[54] **INHIBITEURS DE DETECTION DE QUORUM POUR INHIBITION DE BIOFILM**
[72] KUSHMARO, ARIEL, IL
[72] MARKS, ROBERT S., IL
[72] GOLBERG, KARINA, IL
[71] LIFE MATTERS LTD., IL
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[25] EN
[54] **GAP-SUB AND MEASUREMENT WHILE DRILLING ASSEMBLIES USING KERROS RINGED GASKET SPACERS**
[54] **RACCORD D'ESPACEMENT ET ENSEMBLES DE MESURE EN COURS DE FORAGE UTILISANT DES ECARTEURS DE JOINT EN ANNEAU KERROS**
[72] SINGH, RANJIT K., US
[72] LERNER, DANIEL MAURICE, US
[72] LERNER, ANDREW, US
[72] ORBAN, ANDRE, US
[71] AOI (ADVANCED OILFIELD INNOVATIONS, INC), US
[71] SINGH, RANJIT K., US
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[71] ORBAN, ANDRE, US
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[54] **HOTEL BED FRAME**
[54] **CADRE DE LIT D'HOTEL**
[72] POLEVOY, RICHARD S., US
[72] CARLSON, PAUL E., US
[72] NAAS, ROBERT L., US
[72] WERNER, KURT R., US
[72] KONIECZNY, MICHAEL W., US
[72] MIDDLETON, DAVID, T., JR., US
[71] FINGER LAKES INTELLECTUAL PROPERTY, LLC, US
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[51] **Int.Cl. A61M 1/00 (2006.01)**
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[54] **DRAINAGE SYSTEM WITH O-RING**
[54] **SYSTEME DE DRAINAGE A JOINT TORIQUE**
[72] LOPEZ, CAROL, DO
[72] KANTOLA, JAMES C., US
[71] CAREFUSION 2200, INC., US
[85] 2017-12-28
[86] 2016-06-24 (PCT/US2016/039278)
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[25] EN
[54] **ENERGY STORAGE CELL IMPEDANCE MEASURING APPARATUS, METHODS AND RELATED SYSTEMS**
[54] **APPAREIL DE MESURE D'IMPEDANCE DE CELLULE DE STOCKAGE D'ENERGIE, PROCEDES ET SYSTEMES ASSOCIES**
[72] MORRISON, JOHN L., US
[72] MORRISON, WILLIAM H., US
[72] CHRISTOPHERSEN, JON P., US
[71] BATTELLE ENERGY ALLIANCE, LLC, US
[85] 2017-12-28
[86] 2016-06-27 (PCT/US2016/039533)
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[25] EN
[54] **APPARATUS FOR NEGATIVE-PRESSURE THERAPY AND IRRIGATION**
[54] **APPAREIL POUR THERAPIE PAR PRESSION NEGATIVE ET IRRIGATION**
[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] LUCKEMEYER, JAMES A., US
[71] KCI LICENSING, INC., US
[85] 2017-12-28
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[54] **REFRIGERATING HOME DELIVERIES**
[54] **REFRIGERATION DE LIVRAISONS A DOMICILE**
[72] WILKINSON, BRUCE WALTER, US
[71] WAL-MART STORES, INC., US
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[25] EN
[54] **IMMUNE CHECKPOINT CHIMERIC ANTIGEN RECEPTORS THERAPY**
[54] **THERAPIE FAISANT INTERVENIR DES RECEPTEURS ANTIGENIQUES CHIMERIQUES DE POINT DE CONTROLE IMMUNITAIRE**
[72] BORRELLO, IVAN M., US
[72] LEE, SUSAN, US
[72] NOONAN, KIMBERLY A., US
[72] PARDOLL, DREW M., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2017-12-28
[86] 2016-06-29 (PCT/US2016/040010)
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[30] US (62/186,108) 2015-06-29

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[51] **Int.Cl. A61K 35/34 (2015.01) C12N 5/077 (2010.01) A01K 67/027 (2006.01) A61K 35/12 (2015.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **HUMANIZED SKELETAL MUSCLE**
[54] **MUSCLE SQUELETTIQUE HUMANISE**
[72] GARRY, DANIEL J., US
[72] GARRY, MARY G., US
[72] KOYANO-NAKAGAWA, NAOKO, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2017-12-28
[86] 2016-06-30 (PCT/US2016/040378)
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[30] US (62/187,027) 2015-06-30

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[51] **Int.Cl. A01H 1/06 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **HAPLOID INDUCER LINE FOR ACCELERATED GENOME EDITING**
[54] **LIGNEE INDUCTRICE D'HAPLOIDES POUR L'EDITION DE GENOME ACCELEREE**
[72] CAMPBELL, BENJAMIN W., US
[72] LIU, JUNQI, US
[72] STUPAR, ROBERT M., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2017-12-28
[86] 2016-06-30 (PCT/US2016/040398)
[87] (WO2017/004375)
[30] US (62/186,913) 2015-06-30
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[25] EN
[54] **HUMANIZED HEART MUSCLE**
[54] **MUSCLE CARDIAQUE HUMANISE**
[72] GARRY, DANIEL J., US
[72] GARRY, MARY G., US
[72] KOYANO-NAKAGAWA, NAOKO, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[51] **Int.Cl. A61M 39/10 (2006.01) A61M 5/14 (2006.01) A61M 5/142 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **INFUSION SYSTEM AND COMPONENTS THEREOF**
[54] **SYSTEME DE PERFUSION ET SES COMPOSANTS**
[72] DAMIANO, EDWARD R., US
[72] EL-KHATIB, FIRAS H., US
[72] SELAGAMSETTY, RAJENDRANATH, US
[72] RAMEY, KIRK D., US
[71] TRUSTEES OF BOSTON UNIVERSITY, US
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[72] SINGH, ANIRUDDH, US
[71] BEYONDSPRING PHARMACEUTICALS, INC., US
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[54] **TROMMEL SCREEN CLAMPING APPARATUS**
[54] **APPAREIL DE SERRAGE DE CRIBLE A TAMBOUR**
[72] TORRES JARA, CRISTIAN IGNACIO, US
[72] NEUPER, DIRK HOLGER, US
[72] BERTELSEN, DARYN, US
[71] AQSEPTENACE GROUP, INC., US
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[54] **IMPROVED NANOPARTICLE DELIVERY SYSTEMS**
[54] **SYSTEMES AMELIORES D'ADMINISTRATION DE NANOPARTICULES**
[72] WAN, LEON, CA
[72] LUI, WINNIE, CA
[72] TARDI, PAUL, CA
[72] MAYER, LAWRENCE, CA
[71] CELATOR PHARMACEUTICALS, INC., US
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[25] EN
[54] **SYNTHETICALLY MODIFIED THERMOPLASTIC POLYMER COMPOSITES HAVING CELLULOSE NANOMATERIALS**
[54] **COMPOSITES POLYMERES THERMOPLASTIQUES MODIFIES PAR SYNTHESE AYANT DES NANOMATERIAUX DE CELLULOSE**
[72] TEIPEL, BLAKE, US
[72] TEIPEL, ELISA, US
[72] KIRBY, MATT, US
[72] VANO, RYAN, US
[72] AKBULUT, MUSTAFA, US
[71] TEIPEL, BLAKE, US
[71] TEIPEL, ELISA, US
[71] KIRBY, MATT, US
[71] VANO, RYAN, US
[71] AKBULUT, MUSTAFA, US
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[25] EN
[54] **METHODS OF DETERMINING A HIGH DENSITY LIPOPROTEIN PHOSPHOLIPID LEVEL IN A SAMPLE**
[54] **METHODES DE DETERMINATION D'UN TAUX DE PHOSPHOLIPIDES ET DE LIPOPROTEINES DE HAUTE DENSITE DANS UN ECHANTILLON**
[72] ASHMAIG, MOHMED E., US
[72] WARNICK, GEORGE RUSSELL, US
[71] ASHMAIG, MOHMED E., US
[71] WARNICK, GEORGE RUSSELL, US
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[25] EN
[54] **DYNAMIC CHECKOUT BUTTON APPARATUSES, METHODS AND SYSTEMS**
[54] **APPAREILS, PROCEDES ET SYSTEMES A BOUTON DE COMMANDE DYNAMIQUE**
[72] PURVES, THOMAS, US
[72] FLOREZ, CLINT, US
[72] GUPTA, AMIT, US
[72] GIRISH, APARNA KRISHNAN, US
[72] ZHAO, PENG, US
[72] JIANG, CHUNXI, US
[72] LEE, SANG WOOK, US
[72] CARVALHO, KEVIN, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[25] EN
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[54] **AGENCEMENT STRUCTURAL POUR USINE D'ASPHALTE GRAVIMETRIQUE**
[72] BALLESTER ALONSO, EDUARDO, BR
[71] BALLESTER ALONSO, EDUARDO, BR
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[54] **PROCEDE DE TRAITEMENT DU LAIT**
[72] HASTINGS, JEFFREY JOHN, AU
[71] NATURO PTY LTD, AU
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[86] 2016-07-01 (PCT/AU2016/050579)
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[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING A TRACK SYSTEM FOR TRACTION OF A VEHICLE**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER UN SYSTEME DE CHENILLES POUR LA TRACTION D'UN VEHICULE**
[72] RICHARD, SIMON, CA
[72] BERGERON, MATTHIEU, CA
[72] LAPERLE, GHISLAIN, CA
[71] CAMSO INC., CA
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[86] 2016-06-28 (PCT/CA2016/050760)
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[54] **SECURE PROCESSING OF ELECTRONIC PAYMENTS**
[54] **TRAITEMENT SECURISE DE PAIEMENTS ELECTRONIQUES**
[72] SCOTT, STEPHEN JAMES, CA
[72] YIN, WEIGIANG, CA
[72] ORTIZ, EDISON U., CA
[72] WOO, GABRIEL Y., CA
[72] DINN, JUDY, CA
[72] LAM, CHAI, CA
[72] LEE, TERRY W., CA
[71] ROYAL BANK OF CANADA, CA
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[25] EN
[54] **PROCESS AND MICROORGANISM FOR SYNTHESIS OF ADIPIC ACID FROM CARBOXYLIC ACIDS**
[54] **PROCEDE ET MICRO-ORGANISME POUR LA SYNTHESE D'ACIDE ADIPIQUE A PARTIR D'ACIDES CARBOXYLIQUES**
[72] YAKUNIN, ALEXANDER, CA
[72] KHUSNUTDINOVA, ANNA, CA
[72] CHAN JOO, JEONG, CA
[72] MAHADEVAN, RADHAKRISHNAN, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[25] EN
[54] **METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND TREATMENT OF METABOLIC DISORDERS USING SLIT2**
[54] **PROCEDES POUR L'IDENTIFICATION, L'EVALUATION, LA PREVENTION ET LE TRAITEMENT DE TROUBLES METABOLIQUES A L'AIDE DE SLIT2**
[72] SPIEGELMAN, BRUCE M., US
[72] SVENSSON, KATRIN J., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[25] EN
[54] **NUCLEAR POWER PLANT SPENT FUEL NEGATIVE PRESSURE UNLOADING SYSTEM**
[54] **SYSTEME DE DECHARGEMENT A DEPRESSION DE COMBUSTIBLE EPUISE DE CENTRALE NUCLEAIRE**
[72] WANG, JINHUA, CN
[72] ZHANG, ZUOYI, CN
[72] WU, BIN, CN
[72] LI, YUE, CN
[71] TSINGHUA UNIVERSITY, CN
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[54] **RESIDUAL HEAT REMOVAL VENTILATION SYSTEM FOR SPENT FUEL DRY STORAGE FACILITY OF NUCLEAR POWER PLANT**
[54] **SYSTEME D'EVACUATION ET DE VENTILATION DE CHALEUR RESIDUELLE POUR STOCKAGE A SEC DE COMBUSTIBLE EPUISE DE CENTRALE NUCLEAIRE**
[72] WANG, JINHUA, CN
[72] ZHANG, ZUOYI, CN
[72] LI, YUE, CN
[72] WU, BIN, CN
[71] TSINGHUA UNIVERSITY, CN
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[25] EN
[54] **INDICATION DEVICE OF ELECTRIC SWITCH**
[54] **DISPOSITIF D'INDICATION DE COMMUTATION ELECTRIQUE**
[72] JIA, FENG, CN
[72] ZHENG, JIEXIN, CN
[72] XI, HONG, CN
[72] ZENG, PING, CN
[72] LI, SIHONG, CN
[72] HUANG, BEIMING, CN
[71] SEARI ELECTRIC TECHNOLOGY CO., LTD., CN
[71] ZHEJIANG CHINT ELECTRICS CO., LTD., CN
[85] 2017-12-29
[86] 2016-06-28 (PCT/CN2016/087417)
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[51] **Int.Cl. A61N 5/10 (2006.01)**
[25] EN
[54] **MULTI-LEAF COLLIMATOR AND DRIVING SYSTEM**
[54] **COLLIMATEUR A LAMES MULTIPLES ET SYSTEME D'ENTRAINEMENT**
[72] ZHANG, JIAN, CN
[72] LIU, XIAOLONG, CN
[72] FANG, XIAO, CN
[72] ZHOU, HUI, CN
[72] YIN, HUI, CN
[72] CHAO, XU, CN
[72] LIU, JIAN, CN
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[30] CN (201520698943.6) 2015-09-10
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[51] **Int.Cl. C12Q 1/68 (2018.01)**
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[54] **GENETIC TESTING FOR PREDICTING RESISTANCE OF GRAM-NEGATIVE PROTEUS AGAINST ANTIMICROBIAL AGENTS**
[54] **TEST GENETIQUE PERMETTANT DE PREDIRE LA RESISTANCE DE PROTEUS A GRAM NEGATIF A DES AGENTS ANTIMICROBIENS**
[72] SCHMOLKE, SUSANNE, DE
[72] STAEHLER, CORD FRIEDRICH, DE
[72] KELLER, ANDREAS, DE
[72] BACKES, CHRISTINA, DE
[71] ARES GENETICS GMBH, AT
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[54] **METHOD AND SYSTEM FOR LEGAL PARKING**
[54] **PROCEDE ET SYSTEME DE STATIONNEMENT LEGAL**
[72] WANG, KEVIN SUNLIN, US
[71] WANG, KEVIN SUNLIN, US
[85] 2017-12-29
[86] 2015-12-02 (PCT/IB2015/059305)
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[30] US (62/086,560) 2014-12-02
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[54] **METHOD AND SYSTEM FOR AVOIDANCE OF ACCIDENTS**
[54] **PROCEDE ET SYSTEME PERMETTANT D'EVITER DES ACCIDENTS**
[72] WANG, KEVIN SUNLIN, US
[71] OPERR TECHNOLOGIES, INC., US
[85] 2017-12-29
[86] 2015-12-02 (PCT/IB2015/059302)
[87] (WO2016/088067)
[30] US (62/086,560) 2014-12-02
[30] US (62/092,100) 2014-12-15
[30] US (62/113,922) 2015-02-09
[30] US (62/150,118) 2015-04-20
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[51] **Int.Cl. G06Q 10/00 (2012.01)**
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[54] **SYSTEM AND METHOD FOR MANAGEMENT, EXECUTION, AND ANALYSIS OF LABORATORY EXPERIMENTS**
[54] **SYSTEME ET PROCEDE POUR LA GESTION, L'EXECUTION ET L'ANALYSE D'EXPERIENCES DE LABORATOIRE**
[72] SASTRY, ANAND V., US
[72] OTA, ASUKA, US
[72] KLINE, BEN C., US
[72] BOND, BRADLEY M., US
[72] FREZZA, BRIAN M., US
[72] LAMOUREUX, CAMERON R., US
[72] HOFLER, CATHERINE L., US
[72] LI, CHERI Y., US
[72] WEBSTER, COURTNEY E., US
[72] KLEINBAUM, DANIEL J., US
[72] STANLEY, GEORGE N., US
[72] FRASER, GEORGE W., US
[72] ROBICHAUD, GUILLAUME, US
[72] BUCHMAN, HAYLEY E., US
[72] MCKERNAN, JAMES R., US
[72] LEUNG, JONATHAN K., US
[72] ZUREK, PAUL R., US
[72] TEED, ROBERT M., US
[72] VALAS, RUBEN E., US
[72] FITZGERALD, SEAN M., US
[72] VILLARREAL, SERGIO I., US
[72] HILBURG, SHAYNA L., US
[72] BAISIWALA, SHIVANI S., US
[72] VAITHILINGAM, SRIKANT, US
[72] WOODSON, WYATT J., US
[72] CHOO, YANG, US
[72] CONG, YIDAN Y., US
[72] YOSHIKAWA, ALEX M., US
[71] EMERALD CLOUD LAB, INC., US
[85] 2017-12-28
[86] 2016-06-30 (PCT/US2016/040588)
[87] (WO2017/004468)
[30] US (62/186,928) 2015-06-30
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[51] **Int.Cl. G06N 5/02 (2006.01) G06N 5/00 (2006.01)**
[25] EN
[54] **LABORATORY EXPERIMENT DATA EXPLORATION AND VISUALIZATION**
[54] **EXPLORATION ET VISUALISATION DE DONNEES D'EXPERIENCE EN LABORATOIRE**
[72] SASTRY, ANAND V., US
[72] OTA, ASUKA, US
[72] KLINE, BEN C., US
[72] BOND, BRADLEY M., US
[72] FREZZA, BRIAN M., US
[72] LAMOUREUX, CAMERON R., US
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[72] LI, CHERI Y., US
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[72] ROBICHAUD, GUILLAUME, US
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[72] ZUREK, PAUL R., US
[72] TEED, ROBERT M., US
[72] VALAS, RUBEN E., US
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[72] VILLARREAL, SERGIO L., US
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[72] VAITHILINGAM, SRIKANT, US
[72] WOODSON, WYATT J., US
[72] CHOO, YANG, US
[72] CONG, YIDAN Y., US
[72] YOSHIKAWA, ALEX W., US
[71] EMERALD CLOUD LAB, INC., US
[85] 2017-12-28
[86] 2016-06-30 (PCT/US2016/040589)
[87] (WO2017/004469)
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[51] **Int.Cl. C02F 1/52 (2006.01) C02F 1/66 (2006.01) C02F 11/14 (2006.01) E21B 21/06 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **MICRO-ENCAPSULATING FLOCCULATING DISPERSION WATER TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE L'EAU PAR DISPERSION DE FLOCULATION A MICRO-ENCAPSULATION**
[72] IRELAND, IAN, CA
[71] CORESOURCE SOLUTIONS, LLC, US
[85] 2017-12-28
[86] 2016-07-01 (PCT/US2016/040626)
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[30] US (62/187,579) 2015-07-01

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[51] **Int.Cl. B01J 21/04 (2006.01)**
[25] EN
[54] **A REFORMING CATALYST AND A PROCESS FOR PREPARATION THEREOF**
[54] **CATALYSEUR DE REFORMAGE ET SON PROCEDE DE PREPARATION**
[72] SHARMA, NAGESH, IN
[72] KATRAVULAPALLI, VEERA VENKATA SATYA BHASKARA SITA RAMA MURTHY, IN
[72] KUMAR, AJAY, IN
[72] GOPALAKRISHNAN, KALPANA, IN
[72] JASRA, RAKSH VIR, IN
[71] RELIANCE INDUSTRIES LIMITED, IN
[85] 2017-12-29
[86] 2016-06-30 (PCT/IB2016/053923)
[87] (WO2017/002059)
[30] IN (390/MUM/2015) 2015-06-30

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[25] EN
[54] **ELECTRONIC BOOK DISPLAY DEVICE, ELECTRONIC BOOK DISPLAY METHOD, AND PROGRAM**
[54] **DISPOSITIF D'AFFICHAGE DE LIVRE ELECTRONIQUE, PROCEDE D'AFFICHAGE DE LIVRE ELECTRONIQUE, ET PROGRAMME**
[72] LIU, RONG, JP
[72] HARADA, JUNICHI, JP
[71] RAKUTEN, INC., JP
[85] 2017-12-29
[86] 2015-07-10 (PCT/JP2015/069951)
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[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/235 (2011.01) H04N 21/431 (2011.01)**
[25] EN
[54] **RECEPTION APPARATUS, RECEPTION METHOD, TRANSMISSION APPARATUS, AND TRANSMISSION METHOD**
[54] **DISPOSITIF ET PROCEDE DE RECEPTION, DISPOSITIF ET PROCEDE DE TRANSMISSION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2017-12-29
[86] 2016-07-05 (PCT/JP2016/069953)
[87] (WO2017/006948)
[30] JP (2015-138178) 2015-07-09

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/10 (2006.01) C21D 9/08 (2006.01) C21D 9/50 (2006.01) C22C 38/38 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **ELECTRIC RESISTANCE WELDED STEEL PIPE FOR HIGH-STRENGTH HOLLOW STABILIZER, METHOD FOR MANUFACTURING ELECTRIC RESISTANCE WELDED STEEL PIPE FOR HIGH-STRENGTH HOLLOW STABILIZER, HIGH-STRENGTH HOLLOW STABILIZER, AND METHOD FOR MANUFACTURING HIGH-STRENGTH HOLLOW STABILIZER**
[54] **TUBE EN ACIER SOUDE PAR RESISTANCE ELECTRIQUE POUR STABILISATEUR CREUX A HAUTE RESISTANCE ET PROCEDE DE FABRICATION D'UN TEL TUBE, STABILISATEUR CREUX A HAUTE RESISTANCE ET SON PROCEDE DE FABRICATION**
[72] ARATANI, MASATOSHI, JP
[72] IWAZAKI, KENICHI, JP
[72] KOKUBO, SHINSAKU, JP
[72] HASHIMOTO, YUJI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-12-29
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[25] EN
[54] **CONTINUOUS PARTICLE MANUFACTURING DEVICE**
[54] **DISPOSITIF DE FABRICATION CONTINUE DE PARTICULES**
[72] HISAZUMI, KOJI, JP
[72] HASEGAWA, KOJI, JP
[72] NAGATO, TAKUYA, JP
[72] KOBAYASHI, MAKOTO, JP
[71] KABUSHIKI KAISHA POWREX, JP
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[87] (WO2017/002694)
[30] JP (2015-131036) 2015-06-30

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[51] **Int.Cl. G06T 7/40 (2017.01)**
[25] EN
[54] **IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, AND PROGRAM**
[54] **DISPOSITIF DE TRAITEMENT D'IMAGE, PROCEDE DE TRAITEMENT D'IMAGE ET PROGRAMME**
[72] LIU, RONG, JP
[71] RAKUTEN, INC., JP
[85] 2017-12-29
[86] 2016-07-05 (PCT/JP2016/069884)
[87] (WO2017/010351)
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[25] EN
[54] **TRIPTAN POWDERS FOR PULMONARY DELIVERY**
[54] **POUDRES CONTENANT UN TRIPTAN, A ADMINISTRER PAR VOIE PULMONAIRE**
[72] LIPP, MICHAEL M., US
[71] CIVITAS THERAPEUTICS, INC., US
[85] 2017-12-28
[86] 2016-07-01 (PCT/US2016/040660)
[87] (WO2017/004501)
[30] US (62/188,338) 2015-07-02

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[51] **Int.Cl. B62D 61/12 (2006.01) B62D 55/02 (2006.01)**
[25] EN
[54] **ARRANGEMENT AND VEHICLE**
[54] **AGENCEMENT ET VEHICULE**
[72] NILSSON, ERIK, SE
[72] BOSTROM, OLA, SE
[71] KOMATSU FOREST AB, SE
[85] 2017-12-29
[86] 2016-06-13 (PCT/SE2016/050568)
[87] (WO2017/007394)
[30] SE (1550969-8) 2015-07-03

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[51] **Int.Cl. B05D 1/02 (2006.01) B05B 3/10 (2006.01) B05B 5/04 (2006.01)**
[25] EN
[54] **PAINTING METHOD AND DEVICE FOR SAME**
[54] **PROCEDE DE PEINTURE ET DISPOSITIF CORRESPONDANT**
[72] KISHIMOTO, NAOKI, JP
[72] YASHIMA, OSAMU, JP
[72] TAKEBE, MASASHI, JP
[72] SHOJI, MASAAKI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-12-29
[86] 2016-06-27 (PCT/JP2016/069047)
[87] (WO2017/002769)
[30] JP (2015-130587) 2015-06-30

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[51] **Int.Cl. B62D 61/12 (2006.01) B62D 55/02 (2006.01)**
[25] EN
[54] **ARRANGEMENT AND VEHICLE**
[54] **AGENCEMENT ET VEHICULE**
[72] NILSSON, ERIK, SE
[72] BOSTROM, OLA, SE
[71] KOMATSU FOREST AB, SE
[85] 2017-12-29
[86] 2016-06-13 (PCT/SE2016/050569)
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[30] SE (1550970-6) 2015-07-03

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[25] EN
[54] **METHOD FOR PRODUCING PYRROLE COMPOUND**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSE PYRROLE**
[72] OUCHI, TAKASHI, JP
[72] GOH, GIHO, KR
[72] KIM, SUNMI, KR
[72] CHOI, JINSOON, KR
[72] PARK, HUNSOO, KR
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2017-12-29
[86] 2016-06-29 (PCT/JP2016/069258)
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[30] JP (2015-131610) 2015-06-30

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[25] EN
[54] **POLYMER ELECTROLYTE FUEL CELL**
[54] **PILE A COMBUSTIBLE EN POLYMERE SOLIDE**
[72] HORINOUCHI, AYANOBU, JP
[72] KAJIWARA, KENTARO, JP
[72] SHIMOYAMA, SATORU, JP
[72] HORIGUCHI, TOMOYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-12-29
[86] 2016-07-04 (PCT/JP2016/069776)
[87] (WO2017/006907)
[30] JP (2015-137476 2015) 2015-07-09

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[25] EN
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[54] **AGENCEMENT ET VEHICULE**
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[72] BOSTROM, OLA, SE
[71] KOMATSU FOREST AB, SE
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[86] 2016-06-13 (PCT/SE2016/050570)
[87] (WO2017/007396)
[30] SE (1550971-4) 2015-07-03

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[51] **Int.Cl. F16K 17/40 (2006.01) F16K 1/36 (2006.01)**
[25] EN
[54] **VALVE FOR RECIPROCATING PUMP ASSEMBLY**
[54] **SOUPAPE D'UN ENSEMBLE POMPE A MOUVEMENT ALTERNATIF**
[72] BAYYOUK, JACOB A., US
[72] HENSLEY, CHARLES, US
[71] S.P.M. FLOW CONTROL, INC., US
[85] 2017-12-29
[86] 2016-07-01 (PCT/US2016/040802)
[87] (WO2017/004572)
[30] US (62/188,248) 2015-07-02
[30] US (62/300,343) 2016-02-26
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[51] **Int.Cl. A01K 67/027 (2006.01) A61K 35/545 (2015.01) A61K 35/12 (2015.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHOD OF STEM CELL-BASED ORGAN AND TISSUE GENERATION**
[54] **PROCEDE DE PRODUCTION D'ORGANES ET DE TISSUS A BASE DE CELLULES SOUCHES**
[72] BAMDAD, CYNTHIA, US
[72] SMAGGHE, BENOIT, US
[72] CARTER, MARK, US
[72] STEWART, ANDREW, US
[71] MINERVA BIOTECHNOLOGIES CORPORATION, US
[85] 2017-12-28
[86] 2016-07-01 (PCT/US2016/040880)
[87] (WO2017/004601)
[30] US (62/187,638) 2015-07-01
[30] US (62/234,035) 2015-09-29

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[25] EN
[54] **REACTOR COOLANT PUMP SET**
[54] **SYSTEME DE POMPE DE CIRCULATION CENTRAL**
[72] GERASIMOV, VLADIMIR SERGEEVICH, RU
[72] GORONKOV, ANDREY VLADIMIROVICH, RU
[72] VASIL'EV, ALEKSANDR SERGEEVICH, RU
[72] KAZANTSEV, RODION PETROVICH, RU
[72] SHCHUTSKIY, SERGEY YUR'EVICH, RU
[71] JOINT STOCK COMPANY "CENTRAL DESIGN BUREAU OF MACHINE BUILDING", RU
[71] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS" ("SCIENCE AND INNOVATIONS", JSC), RU
[85] 2017-12-29
[86] 2016-06-20 (PCT/RU2016/000372)
[87] (WO2017/123113)
[30] RU (2016100508) 2016-01-11

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[51] **Int.Cl. A01H 5/10 (2018.01) A01H 1/00 (2006.01) A01H 1/08 (2006.01)**
[25] EN
[54] **METHODS FOR CREATING DOUBLED HAPLOID PLANTS**
[54] **PROCEDE DE CREATION DE PLANTES HAPLOIDES DOUBLEES**
[72] DONG, FENGGAO, US
[72] GRAHAM, MICHAEL, US
[72] LARUE, HUACHUN, US
[72] OVADYA, DANIEL, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2017-12-29
[86] 2016-07-15 (PCT/US2016/042471)
[87] (WO2017/011737)
[30] US (62/193,389) 2015-07-16

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[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) E04C 2/38 (2006.01)**
[25] EN
[54] **METHOD FOR INSTALLING TILES IN A WALL SYSTEM**
[54] **PROCEDE D'INSTALLATION DE CARREAUX DANS UN SYSTEME DE MUR**
[72] TISDALL, MARK, CA
[72] CASSIE, BRIAN, CA
[72] HOVDEBO, KENTON, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, INC., US
[85] 2017-12-29
[86] 2016-05-10 (PCT/US2016/031657)
[87] (WO2017/196305)

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[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **SYNERGISTIC HERBICIDAL MIXTURES FOR GLYPHOSATE-RESISTANT VOLUNTEER CORN CONTROL**
[54] **MELANGES HERBICIDES SYNERGIQUES POUR REGULATION DE MAIS SPONTANE RESISTANT AU GLYPHOSATE**
[72] JONES, RONALD S., JR., US
[71] VALENT U.S.A. LLC, US
[85] 2017-12-28
[86] 2016-07-07 (PCT/US2016/041236)
[87] (WO2017/007873)
[30] US (62/189,557) 2015-07-07

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[51] **Int.Cl. A01H 5/00 (2018.01) C12N 15/09 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **JASMONIC ACID PATHWAY ACTIVATOR**
[54] **ACTIVATEUR DE PASSAGE D'ACIDE JASMONIQUE**
[72] D'AOUST, MARC-ANDRE, CA
[72] ROBERT, STEPHANIE, CA
[72] GOULET, MARIE-CLAIRE, CA
[72] MICHAUD, DOMINIQUE, CA
[72] SAINSBURY, FRANK, AU
[71] MEDICAGO INC., CA
[71] UNIVERSITE LAVAL, CA
[85] 2018-01-02
[86] 2016-06-30 (PCT/CA2016/050772)
[87] (WO2017/000074)
[30] US (62/188,182) 2015-07-02

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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/51 (2006.01) A61K 38/17 (2006.01) A61K 38/19 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS RELATED TO SCAVANGER PARTICLES**
[54] **COMPOSITIONS ET PROCEDES RELATIFS AUX PARTICULES ELIMINATRICES**
[72] HAWTHORNE, LOUIS, US
[72] DODGSON, JOHN, GB
[71] NANOTICS, LLC, US
[85] 2017-12-29
[86] 2016-06-29 (PCT/US2016/040022)
[87] (WO2017/004159)
[30] US (62/186,838) 2015-06-30
[30] US (62/198,541) 2015-07-29
[30] US (62/198,519) 2015-07-29
[30] US (62/236,507) 2015-10-02
[30] US (62/319,092) 2016-04-06

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[51] **Int.Cl. H03M 7/30 (2006.01) A63F 13/31 (2014.01)**
[25] EN
[54] **METHOD OF COMPRESSION FOR FIXED-LENGTH DATA**
[54] **PROCEDE DE COMPRESSION POUR DES DONNEES DE LONGUEUR FIXE**
[72] MCMICHAEL, JUSTIN, CA
[71] KINEMATICSOUP TECHNOLOGIES INC., CA
[85] 2018-01-02
[86] 2016-07-04 (PCT/CA2016/050780)
[87] (WO2017/004708)
[30] US (62/188,554) 2015-07-03

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[51] **Int.Cl. G01S 15/04 (2006.01) G06Q 20/02 (2012.01) G08G 1/017 (2006.01) G08G 1/042 (2006.01) G08G 1/14 (2006.01)**
[25] EN
[54] **LIGHTING FIXTURE DATA HUBS AND SYSTEMS AND METHODS TO USE THE SAME**
[54] **CONCENTRATEURS DE DONNEES DE DISPOSITIFS D'ECLAIRAGE ET SYSTEMES ET PROCEDES POUR LES UTILISER**
[72] LONGARDNER, WILLIAM, US
[72] PINYOT, JEFFREY, US
[72] TOSCHLOG, JASON, US
[72] TOSCHLOG, GAGE, US
[72] FOOTE, EVAN, US
[72] WHITLOCK, SCOTT, US
[72] HUFFMAN, ANDREW, US
[72] HUGHES, DANIEL, US
[71] ECO LIGHTING SOLUTIONS, LLC, US
[71] LONGARDNER, WILLIAM, US
[71] PINYOT, JEFFREY, US
[85] 2017-12-29
[86] 2016-06-29 (PCT/US2016/040143)
[87] (WO2017/004235)
[30] US (62/186,101) 2015-06-29
[30] US (62/301,320) 2016-02-29

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[51] **Int.Cl. F16B 5/06 (2006.01)**
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[54] **CLAMPING SNAP-IN FASTENER**
[54] **FIXATION A PRESSION A SERRAGE**
[72] ABBOUD, JACQUES, US
[71] PENN ENGINEERING & MANUFACTURING CORP., US
[85] 2017-12-29
[86] 2016-06-30 (PCT/US2016/040292)
[87] (WO2017/004322)
[30] US (62/187,209) 2015-06-30

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[51] **Int.Cl. G06F 21/31 (2013.01) G06F 21/32 (2013.01) G06F 17/30 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **ELECTRONIC SECURITY CONTAINER**
[54] **CONTENANT DE SECURITE ELECTRONIQUE**
[72] ECKEL, ROBERT ANDREW, US
[71] MORPHOTRUST USA, LLC, US
[85] 2017-12-29
[86] 2016-06-30 (PCT/US2016/040298)
[87] (WO2017/004326)
[30] US (62/186,726) 2015-06-30

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[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **LIFETIME REGENERATIVE HEART VALVE**
[54] **VALVULE CARDIAQUE REGENERATIVE DE DUREE DE VIE**
[72] SNYDERS, ROBERT V., US
[71] SNYDERS, ROBERT V., US
[85] 2017-12-29
[86] 2016-06-30 (PCT/US2016/040366)
[87] (WO2017/004360)
[30] US (62/186,893) 2015-06-30

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[51] **Int.Cl. C07H 19/052 (2006.01) A61K 31/7076 (2006.01) A61K 31/7084 (2006.01) C07H 19/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF VIRAL INFECTION**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'UNE INFECTION VIRALE**
[72] IYER, RADHAKRISHNAN P., US
[72] PADMANABHAN, SEETHARAMAIYER, US
[71] SPRING BANK PHARMACEUTICALS, INC., US
[85] 2017-12-29
[86] 2016-07-01 (PCT/US2016/040658)
[87] (WO2017/004499)
[30] US (62/188,300) 2015-07-02

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[25] EN
[54] **LYOPHILIZED PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES LYOPHILISEES**
[72] JOSHI-HANGAL, RAJASHREE, US
[72] REDKAR, SANJEEV, US
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2017-12-29
[86] 2016-07-01 (PCT/US2016/040730)
[87] (WO2017/004538)
[30] US (62/188,025) 2015-07-02

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[25] EN
[54] **THERAPEUTIC INHIBITORY COMPOUNDS**
[54] **COMPOSES INHIBITEURS THERAPEUTIQUES**
[72] MCDONALD, ANDREW, US
[72] QIAN, SHAWN, US
[71] LIFESCI PHARMACEUTICALS, INC., BB
[85] 2017-12-29
[86] 2016-06-30 (PCT/IB2016/001053)
[87] (WO2017/001926)
[30] US (62/187,475) 2015-07-01

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[51] **Int.Cl. A61K 31/4745 (2006.01) A61P 17/00 (2006.01) C07D 213/16 (2006.01) C07D 213/53 (2006.01) C07D 491/04 (2006.01)**
[25] EN
[54] **THERAPEUTIC INHIBITORY COMPOUNDS**
[54] **COMPOSES INHIBITEURS THERAPEUTIQUES**
[72] MCDONALD, ANDREW, US
[72] QIAN, SHAWN, US
[71] LIFESCI PHARMACEUTICALS, INC., BB
[85] 2017-12-29
[86] 2016-06-30 (PCT/IB2016/001126)
[87] (WO2017/001936)
[30] US (62/187,465) 2015-07-01
[30] US (62/190,228) 2015-07-08

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[13] A1
[51] **Int.Cl. A61L 15/42 (2006.01) A61F 13/15 (2006.01) A61K 8/11 (2006.01)**
[25] EN
[54] **METHOD OF APPLYING A SKIN BENEFICIAL AGENT TO AN ABSORBENT ARTICLE**
[54] **PROCEDE D'APPLICATION D'UN AGENT BENEFIQUE POUR LA PEAU SUR UN ARTICLE ABSORBANT**
[72] PALMQVIST, LISA, SE
[72] KNOS, ANNA, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2018-01-02
[86] 2016-06-22 (PCT/SE2016/050606)
[87] (WO2017/007398)
[30] SE (PCT/SE2015/050788) 2015-07-03

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[51] **Int.Cl. G06F 1/28 (2006.01) G06Q 50/06 (2012.01) G06F 1/32 (2006.01) G06F 3/048 (2013.01) G06F 17/30 (2006.01) G06F 19/00 (2018.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REGRESSION-BASED DETERMINATION OF EXPECTED ENERGY CONSUMPTION AND EFFICIENT ENERGY CONSUMPTION**
[54] **SYSTEMES ET PROCEDES POUR UNE DETERMINATION BASEE SUR LA REGRESSION D'UNE CONSOMMATION D'ENERGIE ATTENDUE ET D'UNE CONSOMMATION ECONOME EN ENERGIE**
[72] MAASSOUMY, MEHDI, US
[72] KOLTER, ZICO, US
[72] OHLSSON, HENRIK, US
[71] C3 IOT, INC., US
[85] 2018-01-02
[86] 2016-02-12 (PCT/US2016/017778)
[87] (WO2016/130934)
[30] US (14/621,228) 2015-02-12

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[25] EN
[54] **CHICK STARTER FEED OUTLET DEVICE**
[54] **DISPOSITIF DE DECLENCHEMENT DE SORTIE D'ALIMENTATION POUR POUSSIN**
[72] COLE, JOHN, US
[72] CRIPE, NEIL, US
[72] KRAFT, JIM, US
[72] MARK, WAYNE, US
[71] CTB, INC., US
[85] 2018-01-02
[86] 2016-03-21 (PCT/US2016/023445)
[87] (WO2016/154128)
[30] US (62/136,190) 2015-03-20

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[51] **Int.Cl. C07K 14/80 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **NOVEL P450-BM3 VARIANTS WITH IMPROVED ACTIVITY**
[54] **NOUVEAUX VARIANTS DE P450-BM3 AYANT UNE ACTIVITE AMELIOREE**
[72] OSBORNE, ROBERT, US
[72] MITCHELL, VESNA, US
[72] HTWE, KHIN YU NAING, US
[72] ZHANG, XIYUN, US
[72] MILCZEK, ERIKA M., US
[72] MOORE, JEFFREY C., US
[71] CODEXIS, INC., US
[85] 2018-01-02
[86] 2016-06-02 (PCT/US2016/035399)
[87] (WO2017/007547)
[30] US (62/189,281) 2015-07-07

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[51] **Int.Cl. C07C 51/31 (2006.01) C07C 63/26 (2006.01)**
[25] EN
[54] **METHODS FOR COPRODUCTION OF TEREPHTHALIC ACID AND STYRENE FROM ETHYLENE OXIDE**
[54] **PROCEDES POUR LA COPRODUCTION D'ACIDE TEREPHTALIQUE ET DE STYRENE A PARTIR D'OXYDE D'ETHYLENE**
[72] SOOKRAJ, SADESH, US
[72] FARMER, JAY, US
[71] NOVOMER, INC., US
[85] 2018-01-02
[86] 2016-06-30 (PCT/US2016/040534)
[87] (WO2017/004441)
[30] US (62/187,334) 2015-07-01

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[13] A1
[51] **Int.Cl. C07C 69/82 (2006.01) C07C 67/39 (2006.01)**
[25] EN
[54] **TEREPHTHALATE DERIVATIVES AND COMPOSITIONS THEREOF**
[54] **DERIVES DE TEREPHTALATE ET COMPOSITIONS ASSOCIEES**
[72] SOOKRAJ, SADESH, ZA
[71] NOVOMER, INC., US
[85] 2018-01-02
[86] 2016-07-01 (PCT/US2016/040610)
[87] (WO2017/004477)
[30] US (62/188,378) 2015-07-02

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[51] **Int.Cl. C07C 51/15 (2006.01) B01J 23/06 (2006.01) B01J 23/14 (2006.01) B01J 29/00 (2006.01) C07C 1/20 (2006.01) C07C 13/20 (2006.01) C07C 63/26 (2006.01) C07D 303/04 (2006.01) C07D 307/60 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCTION OF TEREPHTHALIC ACID FROM ETHYLENE OXIDE**
[54] **PROCEDES DE PRODUCTION D'ACIDE TEREPHTALIQUE A PARTIR D'OXYDE D'ETHYLENE**
[72] SOOKRAJ, SADESH, US
[71] NOVOMER, INC., US
[85] 2018-01-02
[86] 2016-06-30 (PCT/US2016/040338)
[87] (WO2017/004349)
[30] US (62/187,329) 2015-07-01

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[25] EN
[54] **USE OF TREM-1 INHIBITORS FOR TREATMENT, ELIMINATION AND ERADICATION OF HIV-1 INFECTION**
[54] **UTILISATION D'INHIBITEURS DE TREM-1 POUR TRAITER, ELIMINER ET ERADIQUER L'INFECTION PAR LE VIH-1**
[72] SCHINAZI, RAYMOND F., US
[72] GAVENGNANO, CHRISTINA, US
[71] EMORY UNIVERSITY, US
[71] CHILDREN'S HEATLHCARE OF ATLANTA, INC., US
[85] 2018-01-02
[86] 2016-07-01 (PCT/US2016/040694)
[87] (WO2017/007712)
[30] US (62/188,624) 2015-07-04

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[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF SECURE PROVENANCE FOR DISTRIBUTED TRANSACTION DATABASES**
[54] **SYSTEMES ET PROCEDES DE PROVENANCE SECURISEE POUR DES BASES DE DONNEES DE TRANSACTIONS DISTRIBUEES**
[72] ZINDER, ALEX, US
[71] NASDAQ, INC., US
[85] 2018-01-02
[86] 2016-07-01 (PCT/US2016/040711)
[87] (WO2017/004527)
[30] US (62/188,422) 2015-07-02
[30] US (62/270,560) 2015-12-21

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[51] **Int.Cl. A61K 35/15 (2015.01) C12N 5/0784 (2010.01) A61K 39/12 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR COMBINATION THERAPY WITH DENGUE VIRUS AND DENDRITIC CELLS**
[54] **COMPOSITIONS ET PROCEDES POUR POLYTHERAPIE UTILISANT LE VIRUS DE LA DENGUE ET DES CELLULES DENDRITIQUES**
[72] LYDAY, BRUCE W., US
[71] PRIMEVAX IMMUNO-ONCOLOGY, INC., US
[85] 2018-01-02
[86] 2016-07-01 (PCT/US2016/040787)
[87] (WO2017/004567)
[30] US (62/231,351) 2015-07-02

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[51] **Int.Cl. A61K 39/145 (2006.01) C12N 7/00 (2006.01) C12N 7/01 (2006.01)**
[25] EN
[54] **RECOMBINANT VIRUS LIKE PARTICLES USING BOVINE IMMUNODEFICIENCY VIRUS GAG PROTEIN**
[54] **PARTICULES DE TYPE VIRUS RECOMBINANTES UTILISANT LA PROTEINE GAG DU VIRUS DE L'IMMUNODEFICIENCE BOVINE**
[72] PUSHKO, PETER, US
[72] TRETYAKOVA, IRINA, US
[71] MEDIGEN, INC., US
[85] 2018-01-02
[86] 2016-07-01 (PCT/US2016/040838)
[87] (WO2017/004586)
[30] US (62/188,084) 2015-07-02

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[25] EN
[54] **OXYSTEROLS AND METHODS OF USE THEREOF**
[54] **OXYSTEROLS ET LEURS METHODES D'UTILISATION**
[72] SALITURO, FRANCESCO G., US
[72] ROBICHAUD, ALBERT JEAN, US
[72] MARTINEZ BOTELLA, GABRIEL, US
[71] SAGE THERAPEUTICS, INC., US
[85] 2018-01-02
[86] 2016-07-06 (PCT/US2016/041168)
[87] (WO2017/007836)
[30] US (62/189,048) 2015-07-06
[30] US (62/280,394) 2016-01-19

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[51] **Int.Cl. G05B 13/02 (2006.01) G06F 17/40 (2006.01) G06Q 40/00 (2012.01)**
[25] EN
[54] **METHOD FOR CORRELATING PHYSICAL AND CHEMICAL MEASUREMENT DATA SETS TO PREDICT PHYSICAL AND CHEMICAL PROPERTIES**
[54] **PROCEDE POUR CORRELER DES ENSEMBLES DE DONNEES DE MESURE PHYSIQUES ET CHIMIQUES POUR PREDIRE DES PROPRIETES PHYSIQUES ET CHIMIQUES**
[72] GLASER, RONALD R., US
[72] TURNER, THOMAS F., US
[72] PLANCHE, JEAN-PASCAL, US
[71] THE UNIVERSITY OF WYOMING RESEARCH CORPORATION D/B/A WESTERN RESEARCH INSTITUTE, US
[85] 2018-01-02
[86] 2016-07-06 (PCT/US2016/041182)
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[30] US (62/189,110) 2015-07-06

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5513 (2006.01) A61K 31/553 (2006.01) A61K 31/554 (2006.01) A61P 43/00 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOUNDS AND COMPOSITIONS FOR TREATING SOCIAL DISORDERS AND SUBSTANCE USE DISORDERS**
[54] **COMPOSES ET COMPOSITIONS THERAPEUTIQUES POUR LE TRAITEMENT DE TROUBLES SOCIAUX ET DE TROUBLES LIES A LA TOXICOMANIE**
[72] MCGREGOR, IAIN STEWART, AU
[72] KASSIOU, MICHAEL, AU
[72] BOWEN, MICHAEL THOMAS, AU
[72] HICKS, CALLUM, US
[72] JORGENSEN, WILLIAM, AU
[71] THE UNIVERSITY OF SYDNEY, AU
[85] 2018-01-03
[86] 2016-07-06 (PCT/AU2016/050588)
[87] (WO2017/004674)
[30] AU (2015902659) 2015-07-06

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[13] A1
[51] **Int.Cl. B02C 18/06 (2006.01) G06F 21/80 (2013.01)**
[25] EN
[54] **HARD DRIVE DISMANTLING SYSTEM**
[54] **SYSTEME DE DEMONTAGE DE LECTEUR DE DISQUE DUR**
[72] CLARK, KEVIN P., US
[71] SERENITY DATA SERVICES, INC., US
[85] 2018-01-02
[86] 2016-07-01 (PCT/US2016/040812)
[87] (WO2017/004575)
[30] US (62/188,055) 2015-07-02

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[13] A1
[51] **Int.Cl. F16D 63/00 (2006.01) F16D 65/14 (2006.01) F16D 67/02 (2006.01) F16D 67/04 (2006.01)**
[25] EN
[54] **MANUALLY-ACTUATED BRAKE SYSTEM USING MAGNETORHEOLOGICAL FLUID CLUTCH APPARATUS**
[54] **SYSTEME DE FREINAGE MANUEL UTILISANT UN APPAREIL D'EMBRAYAGE A FLUIDE MAGNETO-RHEOLOGIQUE**
[72] LAROSE, PASCAL, CA
[72] DENNINGER, MARC, CA
[72] GUIFRE, JULIO, CA
[72] PLANTE, JEAN-SEBASTIEN, CA
[71] EXONETIK INC., CA
[85] 2018-01-03
[86] 2016-07-28 (PCT/CA2016/050890)
[87] (WO2017/015763)
[30] US (62/198,315) 2015-07-29

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[25] EN
[54] **METHOD AND SYSTEM FOR IMPROVING QUALITY OF DIRECTIONAL SURVEYS**
[54] **PROCEDE ET SYSTEME PERMETTANT D'AMELIORER LA QUALITE DES SONDAGES DIRECTIONNELS**
[72] DEVERSE, JARROD SHAWN, US
[72] MAUS, STEFAN, US
[71] SURCON LTD, US
[85] 2018-01-02
[86] 2016-07-07 (PCT/US2016/041394)
[87] (WO2017/007967)
[30] US (62/189,726) 2015-07-07

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[51] **Int.Cl. B25J 9/16 (2006.01) G06F 3/0482 (2013.01) B25J 19/00 (2006.01) G05B 19/042 (2006.01)**
[25] EN
[54] **METHOD FOR EXTENDING END USER PROGRAMMING OF AN INDUSTRIAL ROBOT WITH THIRD PARTY CONTRIBUTIONS**
[54] **PROCEDE PERMETTANT D'ETENDRE UNE PROGRAMMATION D'UTILISATEUR FINAL D'UN ROBOT INDUSTRIEL AVEC DES CONTRIBUTIONS DE TIERCE PARTIE**
[72] OESTERGAARD, ESBEN H., DK
[72] SLOTA, MARTIN, DK
[72] WILTERDINK, ROBERT, DK
[71] UNIVERSAL ROBOTS A/S, DK
[85] 2018-01-03
[86] 2016-07-07 (PCT/DK2016/050240)
[87] (WO2017/005272)
[30] DK (PA 2015 70451) 2015-07-08

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[51] **Int.Cl. G06T 17/00 (2006.01) A61B 5/00 (2006.01) G01N 27/64 (2006.01)**
[25] EN
[54] **ATOMIC THERAPEUTIC INDICATOR**
[54] **INDICATEUR THERAPEUTIQUE ATOMIQUE**
[72] MIKLOS, GEORGE L. GABOR, AU
[71] ATOMIC ONCOLOGY PTY LTD, AU
[85] 2018-01-03
[86] 2016-07-11 (PCT/AU2016/050603)
[87] (WO2017/004684)
[30] AU (2015902706) 2015-07-09

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[51] **Int.Cl. A21C 9/06 (2006.01) A21C 9/08 (2006.01) A21C 11/02 (2006.01) A21C 11/06 (2006.01) A21C 11/16 (2006.01)**
[25] EN
[54] **DUMPLING AUTOMATION MACHINE**
[54] **MACHINE D'AUTOMATISATION POUR BOULETTE**
[72] GONG, HAO, CN
[72] XIONG, XIAOGANG, CN
[72] LI, YIHUI, CN
[72] WANG, GANG, CN
[72] WANG, DERONG, CN
[72] REN, YING, CN
[71] GENERAL MILLS, INC., US
[85] 2018-01-02
[86] 2016-07-08 (PCT/US2016/041629)
[87] (WO2017/008054)
[30] CN (201510399005.0) 2015-07-08
[30] CN (201520490635.4) 2015-07-08

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[51] **Int.Cl. C02F 9/08 (2006.01) C02F 3/22 (2006.01) C02F 9/14 (2006.01)**
[25] EN
[54] **BIOLOGICAL AEROBIC ACTIVATED SLUDGE PROCESS WITH HYDRODYNAMIC SOLID SEPARATION, AND HYDRODYNAMIC SEPARATOR FOR USE IN AN EFFLUENT TREATMENT STATION**
[54] **PROCEDE BIOLOGIQUE AEROBIE DE TRAITEMENT PAR BOUES ACTIVEES AVEC SEPARATION HYDRODYNAMIQUE DE SOLIDES ET SEPARATEUR HYDRODYNAMIQUE POUR FONCTIONNEMENT DANS UNE STATION DE TRAITEMENT D'EFFLUENTS**
[72] ALMEIDA JUNIOR, RONALDO LEITE, BR
[71] ALMEIDA JUNIOR, RONALDO LEITE, BR
[85] 2018-01-03
[86] 2016-09-08 (PCT/BR2016/050225)
[87] (WO2017/041157)
[30] BR (BR102015022083-9) 2015-09-09
[30] BR (BR102016020627-8) 2016-09-06

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[25] EN
[54] **CONNECTED SENSOR SUBSTRATE FOR BLISTER PACKS**
[54] **SUBSTRAT DE CAPTEUR CONNECTE POUR EMBALLAGES-COQUES**
[72] LESAU, VICTOR GUSEV, CA
[72] SPOGREEV, IVAN, CA
[71] CUEPATH INNOVATION INC., CA
[85] 2018-01-03
[86] 2016-07-04 (PCT/CA2016/050782)
[87] (WO2017/004710)
[30] US (62/188,618) 2015-07-03

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[51] **Int.Cl. A01D 41/12 (2006.01) A01D 75/00 (2006.01) A01F 12/42 (2006.01) A01F 12/44 (2006.01)**
[25] EN
[54] **WEED SEED DESTRUCTION**
[54] **DESTRUCTION DE GRAINES DE MAUVAISES HERBES**
[72] MAYERLE, DEAN, CA
[71] MAYERLE, DEAN, CA
[85] 2018-01-03
[86] 2016-07-13 (PCT/CA2016/050823)
[87] (WO2017/008161)
[30] US (62/192,111) 2015-07-14

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/32 (2006.01)**
[25] EN
[54] **CELL-TARGETING MOLECULES COMPRISING SHIGA TOXIN A SUBUNIT EFFECTORS AND CD8+ T-CELL EPITOPES**
[54] **MOLECULES DE CIBLAGE DE CELLULES COMPRENANT DES EFFECTEURS DE SOUS-UNITE DE SHIGA-TOXINES A ET DES EPITOPES DE LYMPHOCYTES T CD8+**
[72] POMA, ERIC, US
[72] WILLERT, ERIN, US
[72] KIM, JASON, US
[71] MOLECULAR TEMPLATES, INC., US
[85] 2018-01-02
[86] 2016-07-25 (PCT/US2016/043902)
[87] (WO2017/019623)
[30] US (62/197,048) 2015-07-26
[30] US (14/965,882) 2015-12-10

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[51] **Int.Cl. G01K 11/12 (2006.01) G01K 11/16 (2006.01) G09F 3/02 (2006.01)**
[25] EN
[54] **ELECTRONIC QUALITY INDICATOR**
[54] **INDICATEUR DE QUALITE ELECTRONIQUE**
[72] NEMET, YARON, IL
[72] BEN SHAHAR, RAFAEL, IL
[72] KOREN, EYAL, IL
[71] VARCODE LTD., IL
[85] 2018-01-03
[86] 2016-07-07 (PCT/IL2016/050727)
[87] (WO2017/006326)
[30] US (62/189,367) 2015-07-07

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[13] A1
[51] **Int.Cl. B21D 28/28 (2006.01)**
[25] EN
[54] **PRESS PUNCHING MACHINE AND RESPECTIVE METHOD OF PUNCHING APERTURES IN ELONGATED NON-FERRIC ENCLOSED POLYGONALLY PROFILED WORKPIECES**
[54] **MACHINE DE POINCONNAGE A LA PRESSE ET PROCEDE ASSOCIE DE POINCONNAGE D'OUVERTURES DANS DES PIECES A USINER NON FERRIQUES, A PROFIL POLYGONAL, ALLONGEES ET EMBOITEES**
[72] SCHUSSHEIM, ASHER, IL
[71] SHOHAM MACHINERY LTD., IL
[85] 2018-01-03
[86] 2016-07-07 (PCT/IL2016/050736)
[87] (WO2017/006333)
[30] IL (239843) 2015-07-08

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[51] **Int.Cl. H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] KUWATA, SHIGEMASA, JP
[72] OKU, TAKANORI, JP
[72] ABE, MITSUTAKA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-03
[86] 2015-07-03 (PCT/JP2015/069330)
[87] (WO2017/006403)

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[51] **Int.Cl. B05D 1/36 (2006.01) B05D 5/06 (2006.01) B32B 27/20 (2006.01)**
[25] EN
[54] **MULTILAYER COATING FILM AND COATED ARTICLE**
[54] **FILM DE REVETEMENT STRATIFIE, ET ARTICLE REVETU**
[72] YAMANE, TAKAKAZU, JP
[72] TERAMOTO, KOUJI, JP
[72] HIRANO, FUMI, JP
[72] OKAMOTO, KEIICHI, JP
[71] MAZDA MOTOR CORPORATION, JP
[85] 2018-01-03
[86] 2016-06-22 (PCT/JP2016/003019)
[87] (WO2017/006530)
[30] JP (2015-137202) 2015-07-08

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[13] A1
[51] **Int.Cl. C12M 3/00 (2006.01)**
[25] EN
[54] **CONTAINER FOR CELL ADMINISTRATION, STORAGE OR CULTURING**
[54] **RECIPIENT D'ADMINISTRATION, DE STOCKAGE OU DE CULTURE DE CELLULES**
[72] HIGUCHI, TATSUYA, JP
[72] KOMAZAWA, KOZUE, JP
[72] KOIZUMI, YOSHIKO, JP
[72] DEMPO, TAKAYUKI, JP
[72] NISHIMURA, MASUHIRO, JP
[71] DAIKIN INDUSTRIES, LTD., JP
[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[85] 2018-01-03
[86] 2016-07-14 (PCT/JP2016/003319)
[87] (WO2017/010100)
[30] JP (2015-142201) 2015-07-16
[30] JP (2016-004339) 2016-01-13

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/12 (2006.01) C21D 9/46 (2006.01) C22C 38/14 (2006.01) C22C 38/60 (2006.01) H01F 1/16 (2006.01)**
[25] EN
[54] **GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND METHOD FOR PRODUCING THE SAME**
[54] **TOLE D'ACIER ELECTROMAGNETIQUE A GRAINS ORIENTES ET SON PROCEDE DE FABRICATION**
[72] IMAMURA, TAKESHI, JP
[72] TAKENAKA, MASANORI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-01-03
[86] 2016-07-06 (PCT/JP2016/069976)
[87] (WO2017/006955)
[30] JP (2015-136742) 2015-07-08

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[51] **Int.Cl. A01N 63/00 (2006.01) A61K 38/46 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **DELIVERY METHODS AND COMPOSITIONS FOR NUCLEASE-MEDIATED GENOME ENGINEERING**
[54] **PROCEDES D'ADMINISTRATION ET COMPOSITIONS POUR GENIE GENOMIQUE MEDIE PAR NUCLEASE**
[72] LEE, GARY K., US
[72] RILEY, BRIGIT E., US
[72] ST. MARTIN, SUSAN J., US
[72] WECHSLER, THOMAS, US
[71] SANGAMO THERAPEUTICS, INC., US
[85] 2018-01-03
[86] 2016-07-13 (PCT/US2016/042024)
[87] (WO2017/011519)
[30] US (62/191,918) 2015-07-13
[30] US (62/247,469) 2015-10-28
[30] US (62/315,438) 2016-03-30

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[51] **Int.Cl. A61K 9/00 (2006.01)**
[25] EN
[54] **A HIGH CONCENTRATION LOW VOC LIQUID GIBBERELLIN**
[54] **GIBBERELLINE LIQUIDE A FAIBLE VOC A HAUTE CONCENTRATION**
[72] SHETH, RITESH, US
[72] GEORGE, CHRISTOPHER H., US
[72] STOLLER, JERRY, US
[71] STOLLER ENTERPRISES, INC., US
[85] 2018-01-03
[86] 2016-07-13 (PCT/US2016/042104)
[87] (WO2017/011562)
[30] US (62/192,519) 2015-07-14

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRADING, CLEARING AND SETTLING SECURITIES TRANSACTIONS USING BLOCKCHAIN TECHNOLOGY**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE NEGOCIER, ACCEPTER ET REGLER DES TRANSACTIONS DE TITRES A L'AIDE D'UNE TECHNOLOGIE DE CHAINE DE BLOCS**
[72] MOLINARI, VINCENT, US
[72] LATONA, JOE, US
[72] PALLOTTA, CHRISTOPHER J., US
[72] FRIEDMAN, CLIFFORD H., US
[71] LIQUID MARKETS GROUP INC., US
[85] 2018-01-03
[86] 2016-07-06 (PCT/US2016/041083)
[87] (WO2017/007806)
[30] US (62/190,567) 2015-07-09
[30] US (15/198,136) 2016-06-30

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[13] A1
[51] **Int.Cl. A63B 24/00 (2006.01) A63B 37/00 (2006.01) A63B 43/00 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **BELL GAME APPARATUS**
[54] **APPAREIL DE JEU DE BALLE**
[72] JOLLIFFE, DAVID VICTOR, GB
[72] JOLLIFFE, STEVEN PAUL, GB
[71] WORLD GOLF SYSTEMS LIMITED, GB
[85] 2018-01-03
[86] 2016-07-08 (PCT/GB2016/052069)
[87] (WO2017/006133)
[30] GB (1512037.1) 2015-07-09

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[13] A1
[51] **Int.Cl. B22D 21/04 (2006.01) C22C 23/00 (2006.01) H01M 4/46 (2006.01)**
[25] EN
[54] **MG-BASED ALLOY FOR HYDROGEN STORAGE**
[54] **ALLIAGE A BASE DE MG POUR STOCKAGE D'HYDROGENE**
[72] DUGUID, ANDREW CHARLES, AU
[72] NOGITA, KAZUHIRO, AU
[72] TAN, XIN FU, AU
[72] TAYLOR, JOHN ANDREW, AU
[71] HYDREXIA PTY LTD, AU
[85] 2018-01-04
[86] 2016-07-25 (PCT/AU2016/050659)
[87] (WO2017/011881)
[30] AU (2015902939) 2015-07-23

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[13] A1
[51] **Int.Cl. A61K 31/567 (2006.01) A61K 31/566 (2006.01)**
[25] EN
[54] **OXYSTEROLS AND METHODS OF USE THEREOF**
[54] **OXYSTEROLS ET LEURS PROCEDES D'UTILISATION**
[72] SALITURO, FRANCESCO G., US
[72] ROBICHAUD, ALBERT JEAN, US
[72] MARTINEZ BOTELLA, GABRIEL, US
[71] SAGE THERAPEUTICS, INC., US
[85] 2018-01-03
[86] 2016-07-06 (PCT/US2016/041160)
[87] (WO2017/007832)
[30] US (62/189,065) 2015-07-06

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[13] A1
[51] **Int.Cl. A61K 31/567 (2006.01) A61K 31/566 (2006.01)**
[25] EN
[54] **OXYSTEROLS AND METHODS OF USE THEREOF**
[54] **OXYSTEROLS ET LEURS PROCEDES D'UTILISATION**
[72] SALITURO, FRANCESCO G., US
[72] ROBICHAUD, ALBERT JEAN, US
[72] MARTINEZ BOTELLA, GABRIEL, US
[72] HARRISON, BOYD L., US
[71] SAGE THERAPEUTICS, INC., US
[85] 2018-01-03
[86] 2016-07-06 (PCT/US2016/041175)
[87] (WO2017/007840)
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[54] **SYSTEM FOR TRACKING WASTE OR RECYCLABLE MATERIAL**
[54] **SYSTEME DE SUIVI DE DECHETS OU DE MATERIAUX RECYCLABLES**
[72] WHITMAN, NICHOLAS L., US
[72] BEGIN, RYAN R., US
[71] DIVERT, INC., US
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[86] 2016-07-07 (PCT/US2016/041300)
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[30] US (62/190,055) 2015-07-08

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[54] **LED PANEL LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE A PANNEAU A DEL**
[72] HORNER, M. GLENN, US
[72] LI, YING, US
[71] PERFORMANCE INDICATOR, LLC, US
[85] 2018-01-03
[86] 2016-07-07 (PCT/US2016/041333)
[87] (WO2017/007933)
[30] US (62/190,163) 2015-07-08
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[54] **DEVICE AND METHOD FOR CONTROLLING ACCESS**
[54] **DISPOSITIF ET PROCEDE DE CONTROLE D'ACCES**
[72] DUVAL, JOHN A., US
[71] CUBEX LLC, US
[85] 2018-01-03
[86] 2016-07-14 (PCT/US2016/042349)
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[54] **VIBRATING SCREENING FEEDER AND METHOD OF USE**
[54] **DISPOSITIF D'ALIMENTATION A TAMIS VIBRANT ET PROCEDE D'UTILISATION**
[72] DUMBAUGH, GEORGE D., US
[71] DUMBAUGH, GEORGE D., US
[85] 2018-01-03
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[54] **VIRTUAL/AUGMENTED REALITY SYSTEM HAVING DYNAMIC REGION RESOLUTION**
[54] **SYSTEME DE REALITE AUGMENTEE/VIRTUELLE AYANT UNE REGION DE RESOLUTION DYNAMIQUE**
[72] SCHOWENGERDT, BRIAN T., US
[72] EDWIN, LIONEL ERNEST, US
[72] YEOH, IVAN L., US
[72] SCHUELKE, AARON, US
[72] MILLER, SAMUEL A., US
[71] MAGIC LEAP, INC., US
[85] 2018-01-03
[86] 2016-07-15 (PCT/US2016/042649)
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[30] US (62/194,113) 2015-07-17

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[25] EN
[54] **CIRCUITS FOR SOFTENING SWITCHING PHASES IN VOLTAGE CONVERTERS**
[54] **CIRCUITS POUR ADOUCIR LES PHASES DE COMMUTATION DANS DES CONVERTISSEURS DE TENSION**
[72] CYR, JEAN-MARC, CA
[72] XU, JIANHONG, CA
[72] EL YACOUBI, MAALAININE, CA
[72] RICARD, JEAN, CA
[71] TM4 INC., CA
[85] 2018-01-04
[86] 2016-06-29 (PCT/CA2016/050761)
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[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING CHANGES IN A FORMATION WHILE DYNAMICALLY FLOWING FLUIDS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DES VARIATIONS SURVENANT DANS UNE FORMATION AU COURS D'UN ECOULEMENT DYNAMIQUE DES FLUIDES**
[72] WAID, MARGARET, US
[72] HASHEM, MOHAMED, US
[72] NARDI, PAOLO, IT
[72] YURATICH, MICHAEL, GB
[71] PIETRO FIORENTINI SPA, IT
[71] PIETRO FIORENTINI SPA, INC, US
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[25] EN
[54] **DEVELOPMENT OF AN ASPARAGINE-REDUCING YEAST BY ADAPTIVE EVOLUTION AND USES THEREOF TO REDUCE ACRYLAMIDE FORMATION**
[54] **DEVELOPPEMENT D'UNE LEVURE APTE A REDUIRE LA TENEUR EN ASPARAGINE PAR EVOLUTION ADAPTATIVE ET UTILISATIONS DE CELLE-CI AFIN DE REDUIRE LA FORMATION D'ACRYLAMIDE**
[72] TURGEON, ZACHARI J., CA
[72] SWANSON, JESSICA MARIE, CA
[72] DAHABIEH, MATTHEW S., CA
[72] HUSNIK, JOHN I., CA
[71] RENAISSANCE BIOSCIENCE CORP., CA
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[54] **NOVEL INDETERMINATE HELIANTHUS PLANT**
[54] **NOUVELLE PLANTE HELIANTHUS INDETERMINEE**
[72] PAN, SHIFENG, US
[72] JANDREW, JASON, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-01-03
[86] 2016-07-22 (PCT/US2016/043600)
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[51] **Int.Cl. B65H 29/24 (2006.01)**
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[54] **VACUUM COMMUTATION APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE COMMUTATION A VIDE**
[72] INGOLE, SUDEEP, US
[72] PELLAND, JON A., US
[71] CURT G. JOA, INC., US
[85] 2018-01-03
[86] 2016-07-22 (PCT/US2016/043683)
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[25] EN
[54] **NEW EXENDIN-4 DERIVATIVES AS SELECTIVE PEPTIDIC DUAL GLP-1 / GLUCAGON RECEPTOR AGONISTS**
[54] **NOUVEAUX DERIVES D'EXENDINE-4 UTILISES EN TANT QU'AGONISTES PEPTIDIQUES DOUBLES DES RECEPTEURS DU GLP1/GLUCAGON**
[72] BOSSART, MARTIN, DE
[72] EVERS, ANDREAS, DE
[72] HAACK, TORSTEN, DE
[72] LORENZ, KATRIN, DE
[72] KADEREIT, DIETER, DE
[72] WAGNER, MICHAEL, DE
[72] HENKEL, BERND, DE
[71] SANOFI, FR
[85] 2018-01-04
[86] 2016-07-08 (PCT/EP2016/066299)
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[25] EN
[54] **A METHOD FOR MANUFACTURING A POLYMER ARTICLE.**
[54] **PROCEDE DE FABRICATION D'UN ARTICLE POLYMERE.**
[72] ROBBRECHT, JOHAN, BE
[71] KEIRYO PACKAGING SA, LU
[85] 2018-01-04
[86] 2016-07-11 (PCT/EP2016/066442)
[87] (WO2017/005935)
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[51] **Int.Cl. C07K 14/47 (2006.01) A61K 39/00 (2006.01) C07K 14/635 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST ESOPHAGEAL CANCER AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET NOUVELLE COMBINAISON DE PEPTIDES A UTILISER DANS L'IMMUNOTHERAPIE DU CANCER DE L'□SOPHAGE ET D'AUTRES CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] SONG, COLETTE, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2018-01-03
[86] 2016-07-05 (PCT/EP2016/065812)
[87] (WO2017/005733)
[30] GB (1511792.2) 2015-07-06
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[25] EN
[54] **NOVEL COMPOUND THAT SPECIFICALLY BINDS TO AMPA RECEPTOR**
[54] **NOUVEAU COMPOSE QUI SE LIE SPECIFIQUEMENT AU RECEPTEUR AMPA**
[72] TAKAHASHI, TAKUYA, JP
[72] MIYAZAKI, TOMOYUKI, JP
[72] SUHARA, TETSUYA, JP
[72] HIGUCHI, MAKOTO, JP
[72] CHO, MEIEI, JP
[71] PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY, JP
[85] 2018-01-04
[86] 2016-07-05 (PCT/JP2016/069896)
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[51] **Int.Cl. C12Q 1/68 (2018.01) C07H 21/04 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING PRIMER-DIMER AMPLIFICATION**
[54] **PROCEDE DE REDUCTION DE L'AMPLIFICATION D'AMORCES-DIMERES**
[72] WANG, ZHAOHUI, US
[72] SONG, GANG, US
[71] PILLAR BIOSCIENCES INC., US
[85] 2018-01-03
[86] 2016-06-16 (PCT/US2016/037918)
[87] (WO2017/007586)
[30] US (62/189,686) 2015-07-07

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[51] **Int.Cl. B60W 20/00 (2016.01)**
[25] EN
[54] **DRIVING FORCE CONTROL DEVICE FOR HYBRID VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE LA FORCE D'ENTRAINEMENT D'UN VEHICULE HYBRIDE**
[72] FUKUDA, HIROYUKI, JP
[72] NAKANO, TOMOYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-04
[86] 2015-07-07 (PCT/JP2015/069562)
[87] (WO2017/006440)

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[51] **Int.Cl. C07D 233/78 (2006.01) A61K 31/4178 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 31/497 (2006.01) A61K 31/501 (2006.01) A61P 1/04 (2006.01) A61P 19/02 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01) A61P 43/00 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/10 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **NOVEL IMIDE DERIVATIVES AND USE THEREOF AS MEDICINE**
[54] **NOUVEAUX DERIVES D'IMIDE ET LEUR UTILISATION COMME MEDICAMENT**
[72] ISHIBUCHI, SEIGO, JP
[72] SARUTA, KUNIO, JP
[72] HAMADA, MAIKO, JP
[72] MATOBA, NOBUATSU, JP
[72] MATSUDAIRA, TETSUJI, JP
[72] SEKI, MAKI, JP
[72] TARAO, AKIKO, JP
[72] HONJO, TAKASHI, JP
[72] OGATA, SHINGO, JP
[72] KAWATA, ATSUSHI, JP
[72] MOROKUMA, KENJI, JP
[72] FUJIE, NAOTO, JP
[72] AOYAMA, YUKIO, JP
[71] MITSUBISHI TANABE PHARMA CORPORATION, JP
[85] 2018-01-04
[86] 2016-07-08 (PCT/JP2016/070214)
[87] (WO2017/007008)
[30] JP (2015-138105) 2015-07-09

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[51] **Int.Cl. E03D 9/00 (2006.01)**
[25] EN
[54] **COMBINATION RINSING TUB FOR TOILET AND TRASH RECEPTACLE**
[54] **COMBINAISON DE CUVE DE RINCAGE DE TOILETTES ET DE POUBELLE**
[72] AYERS, GLENN ALLEN, US
[71] AYERS, GLENN ALLEN, US
[85] 2018-01-04
[86] 2015-08-11 (PCT/US2015/044616)
[87] (WO2016/025457)
[30] US (62/036,039) 2014-08-11

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[51] **Int.Cl. A01N 65/00 (2009.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR REDUCING ANGUINA NEMATODE INFESTATION AND IMPROVING GRASS QUALITY**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE REDUIRE L'INFESTATION PAR LE NEMATODE ANGUINA ET D'AMELIORER LA QUALITE DE L'HERBE**
[72] ROWLAND, JOHN HUDSON, US
[72] REES, RICHARD, US
[71] BAYER CROPSCIENCE LP, US
[85] 2018-01-04
[86] 2016-06-28 (PCT/US2016/039775)
[87] (WO2017/007636)
[30] US (62/189,369) 2015-07-07

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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING STOCK OUTS ASSOCIATED WITH A PRODUCT AT A STORE**
[54] **SYSTEME ET PROCEDE DE DETECTION DE RUPTURES DE STOCK ASSOCIEES A UN PRODUIT DANS UN MAGASIN**
[72] VAYSMAN, ARTHUR, US
[71] AINTU INC., US
[85] 2018-01-04
[86] 2016-07-06 (PCT/US2016/041200)
[87] (WO2017/007857)
[30] US (62/189,151) 2015-07-06

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[51] **Int.Cl. G09G 5/10 (2006.01) G09G 5/00 (2006.01)**
[25] EN
[54] **LIGHT SYSTEM**
[54] **SYSTEME D'ECLAIREMENT**
[72] LARAMIE, JACQUES, US
[71] ENLIGHTEN ENTERPRISES INC., US
[85] 2018-01-04
[86] 2016-07-06 (PCT/US2016/041210)
[87] (WO2017/007859)
[30] US (62/189,202) 2015-07-06
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[13] A1
[51] **Int.Cl. A61K 31/427 (2006.01) A61K 31/444 (2006.01) A61K 31/454 (2006.01)**
[25] EN
[54] **TARGETING EMOPAMIL BINDING PROTEIN (EBP) WITH SMALL MOLECULES THAT INDUCE AN ABNORMAL FEEDBACK RESPONSE BY LOWERING ENDOGENOUS CHOLESTEROL BIOSYNTHESIS**
[54] **CIBLAGE DE PROTEINE DE LIAISON DE L'EMOPAMIL (EBP) AVEC DE PETITES MOLECULES QUI INDUISENT UNE REPONSE DE RETROACTION ANORMALE PAR L'ABAISSEMENT DE LA BIOSYNTHESE DU CHOLESTEROL ENDOGENE**
[72] DEBRABANDER, JEF, US
[72] NIJHAWAN, DEEPAK, US
[72] WANG, WENTIAN, US
[72] SHAY, JERRY W., US
[72] THEODOROPOULOS, PANO, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-01-04
[86] 2016-07-05 (PCT/US2016/040931)
[87] (WO2017/011215)
[30] US (62/193,019) 2015-07-15

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[51] **Int.Cl. C07C 213/02 (2006.01) C07C 215/54 (2006.01)**
[25] EN
[54] **A TWO-STEP PROCESS FOR PREPARING 3-SUBSTITUTED PHENYLALKYLAMINES**
[54] **PROCEDE EN DEUX ETAPES POUR LA PREPARATION DE PHENYLALKYLAMINES 3-SUBSTITUEES**
[72] TERAMURA, DOUG, US
[72] LIAO, SUBO, US
[71] MALLINCKRODT LLC, US
[85] 2018-01-04
[86] 2016-07-06 (PCT/US2016/041027)
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[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING COUPONS BASED ON SHOPPING LISTS**
[54] **SYSTEME ET PROCEDE POUR GENERER DES COUPONS SUR LA BASE DE LISTES D'ACHAT**
[72] VAYSMAN, ARTHUR, US
[71] AINTU INC., US
[85] 2018-01-04
[86] 2016-07-07 (PCT/US2016/041403)
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[30] US (62/189,214) 2015-07-07

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[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/15 (2006.01) A61B 17/17 (2006.01) A61F 5/00 (2006.01)**
[25] EN
[54] **BONE POSITIONING GUIDE**
[54] **GUIDE DE POSITIONNEMENT D'OS**
[72] SMITH, W. BRET, US
[72] DAYTON, PAUL, US
[72] SCANLAN, SEAN F., US
[72] BAYS, F. BARRY, US
[72] GIL, CARLOS EDUARDO, US
[72] TREACE, JOHN T., US
[71] TREACE MEDICAL CONCEPTS, INC., US
[85] 2018-01-04
[86] 2016-07-14 (PCT/US2016/042280)
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[30] US (14/981,335) 2015-12-28

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[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMIC PERSONALIZATION OF ELECTRONIC COUPON DISTRIBUTION AND REDEMPTION VIA MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE POUR LA PERSONNALISATION DYNAMIQUE D'UNE DISTRIBUTION ET D'UN REMBOURSEMENT DE COUPON ELECTRONIQUE PAR L'INTERMEDIAIRE D'UN DISPOSITIF MOBILE**
[72] VAYSMAN, ARTHUR, US
[71] AINTU INC., US
[85] 2018-01-04
[86] 2016-07-11 (PCT/US2016/041821)
[87] (WO2017/008086)
[30] US (62/190,631) 2015-07-09

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[51] **Int.Cl. G01N 1/40 (2006.01) C12Q 1/10 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **RAPID CONCENTRATION, RECOVERY AND DETECTION OF PATHOGENS IN FOOD SAMPLES**
[54] **CONCENTRATION, RECUPERATION ET DETECTION RAPIDES D'AGENTS PATHOGENES DANS DES ECHANTILLONS ALIMENTAIRES**
[72] LADISCH, MICHAEL RALPH, US
[72] XIMINES, EDUARDO DE AQUINO, US
[72] KU, SEOCKMO, US
[72] FOSTER, KIRK SOLON, US
[72] KREKE, THOMAS RICHARD, US
[72] LIU, XINGYA (LINDA), US
[72] JONES, JAMES THOMAS, US
[72] DEERING, AMANDA, US
[72] HARDENSTEIN, JAYCEY, US
[72] TUNGARE, ALISHA, US
[71] PURDUE RESEARCH FOUNDATION, US
[85] 2018-01-04
[86] 2016-07-22 (PCT/US2016/043596)
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[30] US (62/196,216) 2015-07-23

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[25] EN
[54] **NEW COMPOUNDS AS POSITIVE ALLOSTERIC MODULATORS FOR ERYTHROPOIETIN AND ERYTHROPOIETIN RECEPTOR TO TREAT ERYTHROPOIETIN DEFICIENCY DISEASES**
[54] **NOUVEAUX COMPOSES UTILISES EN TANT QUE MODULATEURS ALLOSTERIQUES POSITIFS POUR L'ERYTHROPOIETINE ET LE RECEPTEUR DE L'ERYTHROPOIETINE POUR LE TRAITEMENT DE MALADIES LIEES A UNE DEFICIENCE EN ERYTHROPOIETINE**
[72] WU, RONG-TSUN, CN
[72] HORNG, LIN-YEA, CN
[71] WU, RONG-TSUN, CN
[85] 2018-01-05
[86] 2016-07-25 (PCT/CN2016/000413)
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[30] US (62/195,916) 2015-07-23

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[51] **Int.Cl. A61M 37/00 (2006.01)**
[25] EN
[54] **METHODS FOR BETTER DELIVERY OF ACTIVE AGENTS TO TUMORS**
[54] **PROCEDES POUR L'ADMINISTRATION AMELIOREE DE PRINCIPES ACTIFS A DES TUMEURS**
[72] ROSS, RUSSELL FREDERICK, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2018-01-04
[86] 2016-07-22 (PCT/US2016/043623)
[87] (WO2017/019526)
[30] US (62/196,570) 2015-07-24
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[54] **APPAREIL FORMANT TOILETTES ET SON PROCEDE D'UTILISATION**
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[71] HIBBS MARKETING SERVICES LLC, US
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[54] **PROCEDES POUR L'ADMINISTRATION LYMPHATIQUE DE PRINCIPES ACTIFS**
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[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **DISPOSITIF DE DETECTION DE LAMPE ET PROCEDE DE DETECTION DE LAMPE**
[72] OKI, TAKAHIKO, JP
[72] MATSUO, HARUO, JP
[72] YAMANOI, DAIKI, JP
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[54] **HIGH EFFICIENCY CONVEYOR ASSEMBLY**
[54] **ENSEMBLE TRANSPORTEUR A EFFICACITE ELEVEE**
[72] VAN DALSEM, SCOTT EUGENE, US
[72] ROKEY, ERIC, US
[72] BAUMGARTNER, DENNIS HOWARD, US
[72] PAINTER, JIM, US
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[72] FRITZ, DOUGLAS C., US
[72] OSBORN, JAMES R., US
[71] RX 1186, LLC, US
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[54] **PROCEDE DE FABRICATION D'UNE BAGUE D'ETANCHEITE, ET BAGUE D'ETANCHEITE**
[72] BACK, ARNE, SE
[72] BONNEVIER, MARTIN, SE
[72] MOLLER, PER, SE
[71] WIKMANSHYTTAN SAFETY AB, SE
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[54] **CONTROLLABLE SEALANT COMPOSITION FOR CONFORMANCE AND CONSOLIDATION APPLICATIONS**
[54] **COMPOSITION DE MATERIAU D'ETANCHEITE POUVANT ETRE COMMANDEE POUR DES APPLICATIONS DE CONFORMITE ET DE CONSOLIDATION**
[72] SALLA, RAJENDER, IN
[72] CHITTATTUKARA, SHOY GEORGE, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **REGULATION DE LA PRODUCTION DE L'EAU DANS DES FORMATIONS SOUTERRAINES**
[72] ELURU, SAIRAM, IN
[72] HIPPARGE, NURPASHA JAHANGIR, IN
[72] MEHER, PRATIKSHA SHIVAJI, IN
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[54] **ENSEMBLE D'ORIENTATION PERMETTANT LE FORAGE DIRECTIONNEL D'UN TROU DE FORAGE**
[72] LASATER, JEFFREY B., US
[72] EARLES, RONALD G., US
[72] BYRD, JAYSON, US
[71] KINETIC UPSTREAM TECHNOLOGIES, LLC, US
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[54] **COMPOSITION PERMETTANT DE FORMER DES REVETEMENTS FONCTIONNELS A LIBERATION ELEVEE ET A FAIBLE FROTTEMENT**
[72] SPERINDIO, MATTEO, IT
[72] LUVIE, PAOLO, IT
[72] HARVEY, LEONARD W., US
[71] WHITFORD CORPORATION, US
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[54] **CONTENANT ET BEC VERSEUR POUR UTILISATION DANS UN TRAITEMENT HAUTE-PRESSION**
[72] BOISSY, MICHEL, US
[71] FRESHBEV CRAFT JUICERY, US
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[54] **HBED-BISPHOSPHONATES, CONJUGUES DE METAL RADIOACTIF DE CES DERNIERS, ET LEUR UTILISATION COMME AGENTS THERANOSTIQUES**
[72] KUNG, HANK F., US
[72] WU, ZEHUI, US
[72] CHOI, SEOK RYE, US
[72] PLOESSL, KARL, US
[72] ZHA, ZHIHAO, US
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[54] **MATERIAU HEMOSTATIQUE SERVANT A REDUIRE OU ARRETER LE SAIGNEMENT**
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[72] EASON, GUY, GB
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[54] **COMPOSITIONS ET PROCEDES LIES A UNE THERAPIE PAR GLISSEMENT DE PROTEINESPOUR LA DYSTROPHIE MYOTONIQUE**
[72] THORNTON, CHARLES A., US
[72] WHEELER, THURMAN, US
[72] SOBCZAK, KRZYSZTOF, US
[72] OSBORNE, ROBERT, US
[72] MILLER, JILL, US
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[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
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[54] **VITAMIN D3 AND ANALOGS THEREOF FOR ALLEVIATING SIDE EFFECTS ASSOCIATED WITH CHEMOTHERAPY**
[54] **VITAMINES D3 ET ANALOGUES DE CELLES-CI POUR SOULAGEMENT DES EFFETS SECONDAIRES ASSOCIES A UNE CHIMIOTHERAPIE**
[72] JIMENEZ, JOAQUIN J., US
[72] MCCOOK, JOHN PATRICK, US
[72] NARAIN, NIVEN RAJIN, US
[71] BERG LLC, US
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[54] **PROCEDE DE FABRICATION DE COMPOSES ORGANIQUES FLUORES**
[72] TUNG, HSUEH SUNG, US
[72] MUKHOPAHYAY, SUDIP, US
[72] VAN DER PUY, MICHAEL, US
[72] MA, JING JI, US
[72] BORTZ, CHERYL, US
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[54] **NOUVEAUX ANTICORPS INHIBANT LA DIMERISATION DE C-MET ET UTILISATIONS DE CEUX-CI**
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[71] PIERRE FABRE MEDICAMENT, FR
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[54] **DOSAGE REGIMEN OF AN S1P RECEPTOR AGONIST**
[54] **REGIME POSOLOGIQUE D'UN AGONISTE DU RECEPTEUR S1P**
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[71] NOVARTIS AG, CH
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[54] **DOSAGES UTILISANT DES PARTICULES ACTIVES EN SPECTROSCOPIE RAMAN AMPLIFIEE EN SURFACE (SERS)**
[72] WEIDEMAIER, KRISTIN, US
[72] SANDMANN, CHRISTIAN, US
[72] DILLMORE, W. SHANNON, US
[72] SCHRAM, JAMES L., US
[72] STEWART, W. WILLIAM, US
[72] PEARSON, ROBERT E., US
[72] HSIEH, HELEN, US
[72] KEITH, STEVEN, US
[72] BHAT, RAJENDRA R., US
[72] LIEBMANN-VINSON, ANDREA, US
[72] CURRY, ADAM CRAIG, US
[72] LASTOVICH, ALEXANDER G., US
[71] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **GENE DEFECTS AND MUTANT ALK KINASE IN HUMAN SOLID TUMORS**
[54] **DEFAUTS DE GENE ET ALK KINASE MUTANTE DANS DES TUMEURS SOLIDES HUMAINES**
[72] GU, TING-LEI, US
[72] GUO, AILAN, US
[72] HAACK, HERBERT, US
[72] MACNEILL, JOAN, US
[72] POSSEMATO, ANTHONY, US
[72] RIKOVA, KLARISA, US
[72] SULLIVAN, LAURA, US
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[54] **USE OF COPPER CHELATING TETRAAMINES FOR THE TREATMENT OF CARDIOVASCULAR DISEASE AND HEART FAILURE**
[54] **UTILISATION DE TETRAAMINES CHELATANT LE CUIVRE DESTINES AU TRAITEMENT DE MALADIES CARDIOVASCULAIRES ET D'INSUFFISANCE CARDIAQUE**
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[72] BAKER, JOHN RICHARD, NZ
[71] PHILERA NEW ZEALAND LIMITED, NZ
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[54] **IDENTIFICATION OF HUMAN T2R RECEPTORS THAT RESPOND TO BITTER COMPOUNDS THAT ELICIT THE BITTER TASTE IN COMPOSITIONS, AND THE USE THEREOF IN ASSAYS TO IDENTIFY COMPOUNDS THAT INHIBIT (BLOCK) BITTER TASTE IN COMPOSITIONS AND USE THEREOF**
[54] **IDENTIFICATION DE RECEPTEURS HUMAINS T2R SENSIBLES AUX COMPOSES AMERS QUI PROVOQUENT LE GOUT AMER DANS DES COMPOSITIONS, ET UTILISATION DE CEUX-CI DANS DES ANALYSES D'IDENTIFICATION DE COMPOSES QUI INHIBENT (BLOQUENT) LE GOUT AMER DANS DES COMPOSITIONS ET UTILISATION DE CELLES-CI**
[72] LI, XIAODONG, US
[72] PATRON, ANDREW, US
[72] TACHDJIAN, CATHERINE, US
[72] XU, HONG, US
[72] LI, QING, US
[72] PRONIN, ALEXEY, US
[72] SERVANT, GUY, US
[72] ZHANG, LAN, US
[72] BRADY, THOMAS, US
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[72] ARELLANO, MELISSA, US
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[72] CHING, BRETT WEYLAN, US
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[54] **SEPARATION D'HYDROCARBURE ET APPAREIL ET METHODES D'ANALYSE**
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[72] BOYSEN, RYAN B., US
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[72] ROVANI, JOSEPH F., JR., US
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[54] **SYSTEME DE BUS DE CABLE MULTINIVEAU AVEC CHEMINS DE CABLES MODULAIRES**
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[71] PAWLUK, ROBERT R., CA
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[54] **ENSEMBLE COMBUSTIBLE**
[72] BASHKIRTSEV, SERGEY MIKHAILOVICH, RU
[72] KUZNETSOV, VALENTIN FEDOROVICHCH, RU
[72] KEVROLEV, VALERY VLADIMIROVICH, RU
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[71] THORIUM POWER, INC., US
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[71] CARDINALCOMMERCE CORPORATION, US
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[54] **ISOTOPE-SPECIFIC SEPARATION AND VITRIFICATION USING ION-SPECIFIC MEDIA**
[54] **SEPARATION ET VITRIFICATION SPECIFIQUES D'ISOTOPES AU MOYEN DE MILIEUX SPECIFIQUES D'IONS**
[72] DENTON, MARK S., US
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[54] **METHOD AND SYSTEM FOR COMMUNICATION BETWEEN A MONITORING CLIENT AND A BASE**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION ENTRE UN CLIENT DE SURVEILLANCE ET UNE BASE**
[72] BALLANTYNE, TODD A., US
[72] YEE, BRIAN K., US
[72] WILT, MICHAEL J., US
[72] ROSSE, JONATHAN P., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[62] 2,874,329
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[54] **PROCESS CARTRIDGE AND IMAGE FORMING APPARATUS**
[54] **CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGE**
[72] MAESHIMA, HIDEKI, JP
[72] TANABE, MASATO, JP
[72] NOMURA, KEISUKE, JP
[72] SHIMIZU, HIROKI, JP
[71] CANON KABUSHIKI KAISHA, JP
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[51] **Int.Cl. G01B 11/00 (2006.01) B61K 9/12 (2006.01) G01M 17/10 (2006.01)**
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[54] **NONCONTACT MEASURING DEVICE**
[54] **DISPOSITIF DE MESURE SANS CONTACT**
[72] MIAN, ZAHID F., US
[72] SPOOR, RYK E., US
[72] GAMACHE, RONALD W., US
[71] INTERNATIONAL ELECTRONIC MACHINES CORPORATION, US
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[51] **Int.Cl. G06F 9/448 (2018.01) G06F 11/30 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **WAKE PATTERN MANAGEMENT**
[54] **GESTION DU MODE D'EVEIL**
[72] THALER, DAVID G., US
[72] SRINIVASAN, KAMALAVASAN, US
[72] RITZ, ANDREW J., US
[72] GATTA, SRINIVAS RAGHU, US
[72] ERTUGAY, OSMAN N., US
[72] GADDEHOSUR, POORNANANDA R., US
[72] ANIPKO, DMITRY A., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[51] **Int.Cl. G01S 3/46 (2006.01) G08G 5/00 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHODS USING ANGLE OF ARRIVAL MEASUREMENTS FOR ADS-B AUTHENTICATION AND NAVIGATION**
[54] **DISPOSITIF, SYSTEME ET PROCEDES UTILISANT DES MESURES D'ANGLE D'ARRIVEE_POUR L'AUTHENTIFICATION ET LA NAVIGATION ADS-B**
[72] MURPHY, TIMOTHY ALLEN, US
[72] HARRIS, WILLIAM MATTHEW, US
[71] THE BOEING COMPANY, US
[22] 2014-02-03
[41] 2014-11-02
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[51] **Int.Cl. G01N 27/416 (2006.01) G01N 27/403 (2006.01)**
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[54] **GATED VOLTAMMETRY**
[54] **VOLTAMPEROMETRIE COMMANDEE**
[72] WU, HUAN-PING, US
[71] ASCENSIA DIABETES CARE HOLDINGS AG, CH
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[54] **LOOK-AHEAD OF THE BIT APPLICATIONS**
[54] **ANTICIPATION DES APPLICATIONS DU TREPAN**
[72] DONDERICI, BURKAY, US
[72] BITTAR, MICHAEL S., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **NEUTRALIZING MONOCLONAL ANTIBODIES AGAINST THE NOGO-66 RECEPTOR (NGR) AND USES THEREOF**
[54] **NEUTRALISATION D'ANTICORPS MONOCLONAUX CONTRE LE RECEPTEUR NOGO-66 (NGR) ET LEURS UTILISATIONS**
[72] MEZLER, MARIO, DE
[72] MOELLER, ACHIM, DE
[72] MUELLER, REINHOLD, DE
[72] MUELLER, BERNHARD K., DE
[72] GHAYUR, TARIQ, US
[72] BARLOW, EVE H., US
[72] SCHMIDT, MARTIN, DE
[72] MEYER, AXEL, DE
[72] TEUSCH, NICOLE, DE
[71] ABBVIE INC., US
[71] ABBVIE DEUTSCHLAND GMBH & CO KG, DE
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[54] **INTEGRATED GLOBAL TRACKING AND VIRTUAL INVENTORY SYSTEM**
[54] **SYSTEME INTEGRE D'INVENTAIRE VIRTUEL ET DE SUIVI MONDIAL**
[72] AMLING, ALAN, US
[72] POST, GEORGE R., US
[72] ZAMSKY, DAVID S., US
[72] RANKIN, KENNETH T., US
[72] MARCUS, STUART D., US
[72] WOODS, BRUCE L., US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[25] EN
[54] **INFLATABLE INTRAGASTRIC SPACE FILLER DEVICES FOR TREATING OBESITY**
[54] **REMPLISSEUR D'ESPACE INTRAGASTRIQUE**
[72] QUIJANO, RODOLFO C., US
[72] TU, HOSHENG, US
[72] CRAGG, ANDREW H., US
[71] RESHAPE MEDICAL, INC., US
[22] 2006-12-20
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[25] EN
[54] **CLONING AND EXPRESSION OF THE GENES ENCODING KEY CLOSTRIDIAL CATALYZING MECHANISMS FOR SYNGAS TO ETHANOL PRODUCTION AND FUNCTIONAL CHARACTERIZATION THEREOF**
[54] **CLONAGE ET EXPRESSION DES GENES CODANT DES MECANISMES DE CATALYSE CLOSTRIDIALE CLES POUR LA PRODUCTION D'ETHANOL A PARTIR DE GAZ DE SYNTHESE ET LEUR CARACTERISATION FONCTIONNELLE**
[72] REEVES, ANDREW, US
[72] DATTA, RATHIN, US
[71] COSKATA, INC., US
[22] 2010-07-30
[41] 2011-12-15
[62] 2,802,015
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[25] EN
[54] **SOYBEAN SEED AND OIL COMPOSITIONS AND METHODS OF MAKING SAME**
[54] **COMPOSITIONS D'HUILES ET DE GRAINES DE SOJA ET PROCEDES DE FABRICATION**
[72] FILLATTI, JOANNE J., US
[72] KEITHLY, GREG E., US
[72] VOELKER, TONI, US
[72] ULMASOV, TIM, US
[71] MONSANTO TECHNOLOGY LLC, US
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[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 16200 AND CODE RATE OF 2/15 AND 64-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16200 BITS ET UN TAUX DE CODE DE 2/15 ET UN MAPPAGE A 64 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LIM, BO-MI, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[41] 2016-07-27
[62] 2,892,100
[30] KR (10-2015-0012877) 2015-01-27

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[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 16200 AND CODE RATE OF 3/15 AND 64-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT DE CODE DE VERIFICATION DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16200 ET UN TAUX DE CODE DE 3/15 ET MAPPAGE DE SYMBOLE 64, ET METHODE D'ENTRELACEMENT DE BITS ASSOCIEE**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LIM, BO-MI, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HUENG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[54] **RESIN STRUCTURE HAVING A LIQUID LAYER ON THE SURFACE THEREOF**
[54] **STRUCTURE EN RESINE POSSEDANT UNE COUCHE LIQUIDE EN SURFACE**
[72] AKUTSU, YOSUKE, JP
[72] IWAMOTO, SHINYA, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[22] 2014-07-24
[41] 2015-01-29
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[51] **Int.Cl. B08B 3/08 (2006.01) E21B 37/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **CRYOGENIC CLEANING METHODS FOR RECLAIMING AND REPROCESSING OILFIELD TOOLS**
[54] **PROCEDES DE NETTOYAGE CRYOGENIQUE POUR LA REPRISE ET LE RETRAITEMENT D'OUTILS DE CHAMP PETROLIFERE**
[72] WHITE, LONNIE DALE, US
[71] TRC SERVICES, INC., US
[22] 2013-11-07
[41] 2014-05-07
[62] 2,832,982
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[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **PROSTHETIC VALVES, FRAMES AND LEAFLETS AND METHODS THEREOF**
[54] **VALVES, CADRES ET FEUILLETS PROTHETIQUES ET PROCEDES POUR CEUX-CI**
[72] BRUCHMAN, WILLIAM C., US
[72] CRAWFORD, DANIEL A., US
[72] HAGAMAN, LOGAN R., US
[72] HARTMAN, CODY L., US
[71] W.L. GORE & ASSOCIATES, INC., US
[22] 2013-12-19
[41] 2014-06-26
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[30] US (14/133,563) 2013-12-18
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[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 16200 AND CODE RATE OF 2/15 AND 256-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16200 BITS ET UN TAUX DE CODE DE 2/15 ET UN MAPPAGE A 256 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LIM, BO-MI, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[54] **ELECTRONIC CIGARETTE WITH SEALED CARTRIDGE**
[54] **CIGARETTE ELECTRONIQUE AYANT UNE CARTOUCHE SCELLEE**
[72] HON, LIK, CN
[71] FONTEM HOLDINGS 1 B.V., NL
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[51] **Int.Cl. H04L 27/38 (2006.01) H03M 13/11 (2006.01) H03M 13/27 (2006.01) H04L 1/22 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 16200 AND CODE RATE OF 10/15 AND 256-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT DE CODE DE VERIFICATION DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16200 ET UN TAUX DE CODE DE 10/15 ET MAPPAGE DE SYMBOLE 256, ET METHODE D'ENTRELACEMENT DE BITS ASSOCIEE**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LIM, BO-MI, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
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[25] EN
[54] **HOCKEY-STICK BLADE WITH TAILORED PERFORMANCE REGIONS**
[54] **LAME DE BATON DE HOCKEY COMPORTANT DES REGIONS DE PERFORMANCE ADAPTEES**
[72] PEARSON, ROBERT T., US
[72] SNOW, MICHAEL L., US
[72] MOUNTAIN, MICHAEL, US
[71] BAUER HOCKEY LTD., CA
[22] 2014-08-01
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[62] 2,858,269
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[25] EN
[54] **SAFETY SYSTEM AND METHOD FOR PUMP AND MOTOR**
[54] **DISPOSITIF ET METHODE DE SECURITE POUR UNE POMPE ET LE MOTEUR CONNEXE**
[72] KIDD, MELISSA DRECHSEL, US
[72] GENAW, WILLIAM JAMES, US
[72] PASCHE, MICHEAL ROBERT, US
[72] BAASE, GARY THOMAS, II, US
[72] BERTHELSEN, LARS HOFFMANN, US
[72] FINK, RASMUS, US
[72] HOLM, MARTIN SKOV, US
[71] STA-RITE INDUSTRIES, LLC, US
[71] DANFOSS LOW POWER DRIVES, A DIVISION OF DANFOSS DRIVES A/S, DK
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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01) A01C 15/00 (2006.01)**
[25] EN
[54] **SEEDER WITH METERING SYSTEM HAVING SELECTIVELY POWERED METERING SECTIONS**
[54] **SEMOIR AVEC SYSTEME DE DOSAGE DE SEMENCES POSSEDANT DES SECTIONS DE DOSAGE ALIMENTEES SELECTIVEMENT**
[72] BARSI, BARRY B., CA
[72] GORDON, JEFFREY J., CA
[72] LESANKO, JOHN A., CA
[72] OCHITWA, CORY W. K., CA
[71] MORRIS INDUSTRIES LTD., CA
[22] 2012-02-17
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[30] US (61/444,467) 2011-02-18
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[51] **Int.Cl. A01G 25/16 (2006.01)**
[25] EN
[54] **WATERING SYSTEM WITH ADAPTIVE COMPONENTS**
[54] **SYSTEME D'ARROSAGE MUNI DE COMPOSANTS ADAPTATIFS**
[72] GILLIAM, SONJA, DE
[72] KELLER, STEFAN, DE
[72] SCHABEL, THOMAS, DE
[72] KIENZLE, CHRISTIAN, DE
[72] WEISER, SANDRA, DE
[71] HUSQVARNA AB, SE
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[41] 2016-10-13
[62] 2,977,327

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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **PREFILLABLE AUTO-RETRACTABLE SAFETY SYRINGE**
[54] **SERINGUE DE SECURITE AUTORETRACTABLE PREREMPLISSABLE**
[72] LIN LEE, LEE, CN
[72] CHANG, WEN-HSU, CN
[71] BENCHA INTERNATIONAL GROUP INC., CN
[22] 2013-12-19
[41] 2014-06-26
[62] 2,894,138
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[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **DISPOSABLE PEN NEEDLE WITH RE-USE PREVENTION FEATURES**
[54] **AIGUILLE JETABLE POUR STYLO INJECTEUR MUNIE D'ELEMENTS EMPECHANT SA REUTILISATION**
[72] RUAN, TIEMING, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2010-02-04
[41] 2010-08-12
[62] 2,751,622
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[51] **Int.Cl. A61B 5/151 (2006.01)**
[25] EN
[54] **CONTACT ACTIVATED LANCET DEVICE**
[54] **DISPOSITIF LANCETTE ACTIONNE PAR CONTACT**
[72] KARBOWNICZEK, JACEK GRZEGORZ, PL
[72] RUTYNOWSKI, WLODZINIERZ, PL
[72] WILKINSON, BRADLEY, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2005-05-06
[41] 2005-11-24
[62] 2,885,830
[30] US (60/569,424) 2004-05-07
[30] US (60/631,846) 2004-11-30
[30] US (60/631,795) 2004-11-30
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[51] **Int.Cl. A61M 5/34 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **OUTER COVER OF A PEN NEEDLE FOR A DRUG DELIVERY PEN**
[54] **CAPUCHON EXTERIEUR D'AIGUILLE DE STYLO INJECTEUR POUR STYLO D'ADMINISTRATION DE MEDICAMENT**
[72] HORVATH, JOSHUA D., US
[72] COLLINS, DEIRDRE, US
[72] HWANG, CHARLES G., US
[72] UPHAM, PAUL, US
[72] SULLIVAN, SEAN, US
[72] LANGILL, ED, CA
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2010-09-01
[41] 2011-03-18
[62] 2,714,199
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[13] A1
[51] **Int.Cl. H01L 21/67 (2006.01) H05B 1/02 (2006.01)**
[25] EN
[54] **HIGH DEFINITION HEATER SYSTEM HAVING A FLUID MEDIUM**
[54] **SYSTEME DE CHAUFFAGE HAUTE DEFINITION A MILIEU FLUIDE**
[72] SMITH, KEVIN ROBERT, US
[72] PTASIENSKI, KEVIN, US
[72] DERLER, RAY ALAN, US
[72] SWANSON, CAL THOMAS, US
[72] SCHMIDT, PHILIP STEVEN, US
[72] NOSRATI, MOHAMMAD, US
[72] LINDLEY, JACOB ROBERT, US
[72] BOLDT, ALLEN NORMAN, US
[72] ZHANG, SANHONG, US
[72] STEINHAUSER, LOUIS P., US
[72] GRIMARD, DENNIS STANLEY, US
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[22] 2012-08-30
[41] 2013-03-07
[62] 2,847,596
[30] US (61/528939) 2011-08-30
[30] US (61/635310) 2012-04-19

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[21] **2,991,159**
[13] A1
[51] **Int.Cl. E21B 4/00 (2006.01) E21B 4/02 (2006.01) E21B 17/03 (2006.01) F16C 19/30 (2006.01)**
[25] EN
[54] **HOUSING, MANDREL AND BEARING ASSEMBLY FOR DOWNHOLE DRILLING MOTOR**
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[72] LEBLANC, CARL S., US
[71] COILED TUBING RENTAL TOOLS, INC., US
[22] 2012-05-15
[41] 2012-12-27
[62] 2,838,868
[30] US (13/166,080) 2011-06-22

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CARDARELLI, JOSEPHINE M. 2,989,144
CAREFUSION 2200, INC. 2,991,035
CARL ZEISS AG 2,989,262
CARL ZEISS VISION INTERNATIONAL GMBH 2,989,262
CARLSON, LAWRENCE 2,990,826
CARLSON, PAUL E. 2,991,033
CARLSSON, ERIK 2,990,539
CARNIATO, DENIS 2,990,748
CARROLL, CIAN SEAMUS 2,990,434
CARSON, MICHAEL DAVID 2,990,970
CARTER, MARK 2,991,125
CARTLEDGE, RICHARD 2,990,872
CARVALHO, KEVIN 2,991,068
CARVALHO, SUSAN 2,990,316
CASALE SA 2,990,496
CASE WESTERN RESERVE UNIVERSITY 2,990,835
CASE, JOHN J. 2,990,700
CASEY, MEGHAN E. 2,989,178
CASINOS RAMO, BEATRIZ 2,989,977
CASSIE, BRIAN 2,991,130
CASTELLANI, DEBORA CRISTINA 2,982,842
CASTELLANI, VALERIE 2,990,773
CASTEX, MATHIEU 2,990,530
CASTRO, ARMANDO 2,990,645
CATHALA, BERNARD 2,988,109
CATON, NICOLA LOUISE 2,990,006
CATON, NICOLA LOUISE 2,990,186
CAVALLINI, FRANCO 2,989,274
CAYUELA, JACQUES 2,990,310
CDEM B.V. 2,991,021
CELATOR PHARMACEUTICALS, INC. 2,991,062
CELLIS SP. Z O.O. [LTD.] 2,989,489
CELLIS SP. Z O.O. [LTD.] 2,989,491
CENTRE HOSPITALIER UNIVERSITAIRE DE ROUEN 2,990,304
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS 2,990,750
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE -CNRS- 2,990,321
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,990,773
CENTRO DE INVESTIGACION BIOMEDICA EN RED (CIBER) 2,989,480
CEPHEID 2,989,573
CERUS CORPORATION 2,990,864
CHAN JOO, JEONG 2,991,074
CHANG, LI-CHUNG 2,990,200
CHANPURA, REENA A. 2,990,597
CHANRION, MAIA 2,990,083
CHANRION, MAIA 2,990,084
CHANRION, MAIA 2,990,088
CHAO, HERBERT 2,990,388
CHAO, XU 2,991,083
CHEN, CHIH-KUANG 2,990,948
CHEN, I-JEN 2,990,084

CHEN, I-JEN 2,990,089
CHEN, JIALING LI 2,989,655
CHEN, JINHONG 2,989,442
CHEN, SHIHAO 2,989,586
CHEN, WANSHI 2,989,659
CHENG, EMILY H. 2,990,477
CHENG, HONG 2,990,399
CHENOLL CUADROS, MARIA EMPAR 2,989,977
CHERNEY, EMILY CHARLOTTE 2,990,008
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,989,918
CHEVRON U.S.A. INC. 2,990,468
CHIANG, YU-WEI 2,990,633
CHILDREN'S HEATLHCARE OF ATLANTA, INC. 2,991,209
CHITTATTUKARA, SHOY GEORGE 2,991,481
CHITTENDEN, THOMAS 2,989,321
CHO, MEIEI 2,991,400
CHOI, JINSOON 2,991,115
CHOI, KI-HO 2,985,773
CHOI, SEOK RYE 2,991,498
CHOO, YANG 2,991,094
CHOO, YANG 2,991,095
CHR. HANSEN A/S 2,989,488
CHRIST, ALEXANDER 2,990,990
CHRIST, BRIAN J. 2,990,472
CHRISTENSEN, SOREN 2,989,739
CHRISTOPHERSEN, JON P. 2,991,036
CHU DE NICE 2,990,321
CHU, KELLY 2,990,184
CHUBA, MICHAEL R. 2,990,021
CIVITAS THERAPEUTICS, INC. 2,991,108
CLARK, GARRETT 2,989,537
CLARK, KEVIN P. 2,991,238
CLARK, SUZANNE 2,989,314
CLARKE, JOHN T. 2,989,316
CLARKE, JOHN T. 2,989,330
CLARKE, THOMAS C. 2,990,977
CLAYTON, JOSHUA RYAN 2,990,471
CLEAVER-BROOKS, INC. 2,989,805
CLEMENS, WENDY L. 2,989,144
CLIMEWORKS AG 2,982,275
COATES, DAVID ANDREW 2,990,739
COBB, JAMES H. 2,985,601
COBB, JAMES H. 2,990,100
CODEXIS, INC. 2,991,195
COHEN, DANIEL E. 2,990,965
COHEN, ISAAC DAVID 2,990,162
COHEN, ISAAC DAVID 2,990,163
COLE, JOHN 2,991,192
COLEMAN, STEVEN T. 2,990,185
COLLEY, THOMAS CHRISTOPHER 2,981,945
COLLINS, THOMAS M. 2,990,818
COLPAERT, FILIP 2,989,517
COLVIN, ARTHUR E., JR. 2,990,873
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,989,374
CONG, YIDAN Y. 2,991,094
CONG, YIDAN Y. 2,991,095
CONKLIN, BRIAN S. 2,989,437
CONKLIN, BRIAN S. 2,990,733
CONSTANTINE, JACK 2,981,439
CONSTANTINE, MARGARET JOAN 2,981,405
CONSTANTINE, MARGARET JOAN 2,981,408
CONSTANTINE, MARGARET JOAN 2,981,436
CONSTANTINE, MARGARET JOAN 2,981,439
CONSTANTINE, MARGARET JOAN 2,982,524
CONSTANTINE, MARK 2,981,405
CONSTANTINE, MARK 2,981,408
CONSTANTINE, MARK 2,981,436
CONSTANTINE, MARK 2,981,439
CONSTANTINE, MARK 2,982,524
CONSTRUCTION RESEARCH & TECHNOLOGY GMBH 2,990,538
CONWAY, TIMOTHY F. 2,990,029
COPE, JASON 2,990,423
COPE, JASON 2,990,424
CORASH, LAURENCE 2,990,864
CORBETT, DAVID 2,989,386
CORESOURCE SOLUTIONS, LLC 2,991,097
CORSAIR PHARMA, INC. 2,989,317
COSMETIC WARRIORS LIMITED 2,981,405
COSMETIC WARRIORS LIMITED 2,981,408
COSMETIC WARRIORS LIMITED 2,981,436
COSMETIC WARRIORS LIMITED 2,981,439
COSMETIC WARRIORS LIMITED 2,982,524
COSTA, RUI 2,982,425
COSTABEBER, ETTORE MAURIZIO 2,989,395
COSTANTINI, DOMINIQUE 2,990,299
COURTAUD, BRUNO 2,990,559
COURTIN, KARINE 2,990,744
COUTO, FERNANDO 2,990,214
CRAIG, STEVEN R. 2,989,797
CRANMER, WILLIAM J. 2,986,977
CRASTI, LEO 2,990,847
CRIPE, NEIL 2,991,192
CROSS, SCOTT MICHAEL 2,990,052
CSEKEI, MARTON 2,990,084
CSEKEI, MARTON 2,990,089
CTB, INC. 2,991,192
CUBEX LLC 2,991,320
CUBIC CORPORATION 2,989,849
CUEPATH INNOVATION INC. 2,991,253
CUMBERLAND PHARMACEUTICALS, INC. 2,990,880
CUNE, GREGG 2,990,458
CURETON, DAVID 2,990,633
CURMED GMBH & CO. KG 2,990,501
CUROVIR AB 2,989,722
CURT G. JOA, INC. 2,991,328
CYR, JEAN-MARC 2,991,323
CZAINSKI, ROBERT 2,990,736
CZAINSKI, ROBERT 2,990,741
D'AOUST, MARC-ANDRE 2,991,139
DACHSEL, JUSTUS CLAUS ALFRED 2,990,555
DAHABIEH, MATTHEW S. 2,991,325
DAHAN, RONY 2,990,015
DAHM, MICHAEL 2,990,749
DAI, LIANG 2,990,200
DAIICHI SANKYO COMPANY, LIMITED 2,990,572
DAIKIN AMERICA, INC. 2,990,421
DAIKIN INDUSTRIES, LTD. 2,991,291
DALMAY, PIERRE 2,990,506
DAMA INTERNACIONAL 1991, S.A. 2,991,014
DAMIANO, EDWARD R. 2,991,058
DANA-FARBER CANCER INSTITUTE, INC. 2,990,846
DANA-FARBER CANCER INSTITUTE, INC. 2,991,076
DANISCO US INC. 2,989,667
DANSTAR FERMENT AG 2,990,530
DAS, INDRAJIT 2,982,033
DAS, INDRAJIT 2,982,040
DAVIDSON, ANDREW MACKINNON 2,989,658
DAVIDSON, JAMES EDWARD PAUL 2,990,083
DAVIDSON, JAMES EDWARD PAUL 2,990,084
DAVIDSON, JAMES EDWARD PAUL 2,990,088
DAVIDSON, JAMES EDWARD PAUL 2,990,089
DAVIS, HEATHER 2,990,165
DAY, ROWLAND WILLIAM, II 2,990,184
DAY, THOMAS M. 2,990,390
DAYTON, PAUL 2,991,424
DE BOCK, HENDRIK PIETER JACOBUS 2,989,645
DE JONG, ROB 2,989,739
DE SAVI, CHRISTOPHER 2,989,499
DE SCHUTTER, DAVID 2,990,301
DEBRABANDER, JEF 2,991,420
DECKER, CHRISTIAN 2,989,909
DEERING, AMANDA 2,991,445
DEFOREL, CORINNE 2,989,978
DEGN, PETER EDVARD 2,990,822
DEINOBIOTICS 2,990,748
DEL CASTILLO, LINDA Y. 2,989,423
DELAHAY, KAREN ANN 2,989,966
DELANY, JOHN 2,990,533
DELCHAMBRE, MICHAEL 2,989,721
DELINOCCI, JOHN 2,990,475
DELLOYE-BOURGEOIS, CELINE 2,990,773
DELTAHAWK ENGINES, INC. 2,986,977
DEMARLES, DIDIER 2,990,088
DEMERX, INC. 2,989,550
DEMPO, TAKAYUKI 2,991,291

DENBOER, HUIBERT 2,989,404
DENKBERG, GALIT 2,988,270
DENNINGER, MARC 2,991,239
DENT, PAUL WILKINSON 2,989,406
DESAI, NEIL P. 2,990,693
DESAI, NEIL P. 2,990,703
DESAI, NEIL P. 2,990,705
DESAI, NEIL P. 2,990,726
DESY, PHILIPPE 2,988,921
DEUTSCHE TELEKOM AG 2,986,938
DEUTSCHES KREBSFORSCHUNGSZENTRUM 2,990,749
DEUTSCHMANN, SVEN 2,989,960
DEVAUX, BRIGITTE 2,990,012
DEVAUX, BRIGITTE 2,990,015
DEVERSE, JARROD SHAWN 2,991,242
DEVILLE, DEREK DEE 2,990,872
DEXCOM, INC. 2,990,843
DI NICOLA, MASSIMO 2,990,517
DI PIETRO, ALESSANDRA 2,989,586
DIACHINA, JOHN WALTER 2,985,735
DIAZGRANADOS, CARLOS 2,990,635
DICHIARANTE, ELENA 2,989,420
DIEFENBACHER, GREGG G. 2,990,472
DIERSING, STEVEN L. 2,990,951
DIETHELM, STEFAN 2,989,968
DIETRICH, HANSJORG 2,990,078
DIETSCHE, LAURA J. 2,990,621
DIETSCHE, LAURA J. 2,990,626
DIMASCIO, PAUL STEPHEN 2,990,953
DING, ERRUN 2,989,918
DINN, JUDY 2,991,073
DINSART, CHRISTIANE 2,990,749
DIRTT ENVIRONMENTAL SOLUTIONS, INC. 2,991,130
DIVERT, INC. 2,991,318
DOCHERTY, JOHN 2,984,917
DODGSON, JOHN 2,991,142
DODSON, ERIC D. 2,990,951
DOERS, DOUGLAS A. 2,986,977
DOI, YASUO 2,990,568
DOLLA, GUILLAUME 2,990,321
DONAHUE, PAT 2,989,678
DONG, FENGGAO 2,991,129
DONG, SHUZHI 2,990,234
DONNELL, ANDREW F. 2,990,030
DORASWAMI, UTTAM R. 2,990,603
DORE, JOEL 2,983,192
DORKIN, JOSEPH R. 2,990,172
DORNBUSH, KIRK 2,990,837
DORSEY, ROBERT T. 2,990,951
DOSTLER, MARTIN 2,990,316
DOUGLAS, LAWRENCE 2,990,977
DOULL, KERRY 2,990,691
DOULL, RYAN 2,990,691
DOW GLOBAL TECHNOLOGIES LLC 2,990,598
DOW GLOBAL TECHNOLOGIES LLC 2,990,616
DOW GLOBAL TECHNOLOGIES LLC 2,990,621
DOW GLOBAL TECHNOLOGIES LLC 2,990,626
DOW GLOBAL TECHNOLOGIES LLC 2,990,639
DOW GLOBAL TECHNOLOGIES LLC 2,990,829
DOW GLOBAL TECHNOLOGIES LLC 2,990,841
DOW GLOBAL TECHNOLOGIES LLC 2,990,859
DOW GLOBAL TECHNOLOGIES LLC 2,990,863
DOW GLOBAL TECHNOLOGIES LLC 2,990,866
DOW TECHNOLOGY INVESTMENTS LLC 2,990,035
DOWDELL, JOSEPH NEUHAUS 2,990,970
DREEZEN, GUNTHER 2,989,692
DRESSEL, ANDRE MARTIN 2,990,009
DRESSELHUIS, DIANE MARGRIET 2,987,918
DROBA, GREGORY S. 2,989,564
DROUIN, DOMINIQUE 2,989,975
DU, XINYAO 2,990,202
DUAN, JIAN-XIN 2,990,696
DUCKWORTH, JUSTIN 2,989,923
DUDEK, BRUNO 2,989,959
DUDZINSKI, PAUL 2,990,737
DUGAS, ROSS E. 2,990,598
DUGGINS, DONNA WALKER 2,990,882
DUGUID, ANDREW CHARLES 2,991,310
DUJARDIN, ARNAUD 2,990,520
DUKE, LOTTIE HANNAH 2,990,006
DUMAS, EMILY O. 2,990,965
DUMBAUGH, GEORGE D. 2,991,321
DUNN, MALCOLM HARRY 2,981,400
DUNNING, ANDREW 2,990,635
DUPONT NUTRITION BIOSCIENCES APS 2,990,822
DUTTA, SANDEEP 2,990,965
DUVAL, JOHN A. 2,991,320
DUVAL, SEBASTIEN A. 2,990,831
DWS S.R.L. 2,989,395
DYER, DENNIE W. 2,990,627
DYNAPOWER COMPANY LLC 2,989,937
DYSON, PAUL 2,988,503
E I DU PONT DE NEMOURS AND COMPANY 2,989,337
E I DU PONT DE NEMOURS AND COMPANY 2,990,839
EARLES, RONALD G. 2,991,486
EASTHAM, GRAHAM RONALD 2,982,395
ECKEL, ROBERT ANDREW 2,991,154
ECO LIGHTING SOLUTIONS, LLC 2,991,146
ECOLAB USA INC. 2,989,956
ECOLAB USA INC. 2,990,634
EDELSON, RICHARD 2,989,923
EDERLE-LERCH, KLAUS 2,989,259
EDWARDS LIFESCIENCE CARDIAQ LLC 2,990,872
EDWARDS LIFESCIENCES CORPORATION 2,989,437
EDWARDS LIFESCIENCES CORPORATION 2,990,733
EDWARDS, ERIC S. 2,990,950
EDWARDS, EVAN T. 2,990,950
EDWIN, LIONEL ERNEST 2,991,322
EGEBJERG, JAN 2,989,739
EGLI, BRUNO 2,988,824
EGOROV, ANDREI YURIEVICH 2,991,023
EISAI R&D MANAGEMENT CO., LTD. 2,989,637
EISELE, THOMAS 2,990,822
EITAN, BOAZ 2,991,005
EL HADDAD, ANTHONY 2,988,921
EL YACOUBI, MAALAININE 2,991,323
EL-KHATIB, FIRAS H. 2,991,058
ELA PHARMA LTD 2,981,732
ELC MANAGEMENT LLC 2,990,162
ELC MANAGEMENT LLC 2,990,163
ELES, JANOS 2,982,232
ELI LILLY AND COMPANY 2,990,471
ELI LILLY AND COMPANY 2,990,739
ELLIS, DIANNE B. 2,990,701
ELURU, SAIRAM 2,991,482
EMERALD CLOUD LAB, INC. 2,991,094
EMERALD CLOUD LAB, INC. 2,991,095
EMIDIO, SIMONE 2,982,842
EMORY UNIVERSITY 2,991,209
EMPL, GUNTER 2,989,942
ENE29 S.AR.L. 2,989,721
ENEA - AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE 2,988,072
ENERGONBIO TECHNOLOGIES S.A. 2,990,307
ENERGY & ENVIRONMENTAL RESEARCH CENTER FOUNDATION 2,989,997
ENG, FRIDA 2,983,389
ENGLER, OLAF 2,990,303
ENGLUND, VILLGOT 2,990,075
ENLIGHTEN ENTERPRISES INC. 2,991,413
ENLIVEX THERAPEUTICS LTD. 2,982,452
ENO ENERGY SYSTEMS GMBH 2,990,090
EPISKEY S.R.L. 2,988,321
ERDLEY, KEITH 2,991,474
EREL SEGAL, REUT 2,988,270
EREZ, ELINOR 2,990,311
ERIKSEN, JON AMUND 2,989,373
ERIKSSON, TOMAS 2,989,535
ERLANDSSON, SVEN KRISTER 2,990,695
ERTL, DAVID 2,990,845
ES-SAYED, MAZEN 2,989,237
ESNAULT, VINCENT LOUIS MARIE 2,990,321
ETHICON, INC. 2,990,593

EUREKA THERAPEUTICS, INC. 2,990,860
EUROCHEM AGRO GMBH 2,990,082
EVERS, ANDREAS 2,991,367
EXELIXIS, INC. 2,990,222
EXIRIS S.R.L. 2,979,585
EXONETIK INC. 2,991,239
EXXONMOBIL CHEMICAL PATENTS INC. 2,990,399
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,990,021
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,985,738
F. HOFFMAN-LA ROCHE AG 2,990,755
F. HOFFMANN-LA ROCHE AG 2,989,960
F2G LIMITED 2,982,660
FACCIOLI, GIOVANNI 2,974,313
FADELL, PAUL R. 2,989,861
FALER, CATHERINE ANNE 2,982,900
FALK, THOMAS 2,991,006
FALLIN, T. WADE 2,990,637
FANG, XIAO 2,991,083
FAPIM S.P.A. 2,990,595
FARKAS, SANDOR 2,982,232
FARMER, JAY 2,991,202
FARRELL, DAVID J. 2,989,316
FAURE, SYLVAIN 2,989,374
FAUTI, TANJA 2,990,755
FEDEROWICZ, JOSEPH 2,990,711
FELIU DE LA PENA CALVO, JORDI 2,991,014
FELTOVICH, HELEN 2,989,910
FENN, DAVID R. 2,990,203
FENTON, OWEN SHEA 2,990,172
FERENCIC, MATHIAS 2,989,372
FERKO, BORIS 2,991,023
FERRACANE, DEAN 2,990,951
FERRARI, CARLOS ISIDORO 2,990,811
FERRING B.V. 2,989,977
FERRING B.V. 2,990,311
FIGIEL, JANUSZ 2,990,683
FIGINI, MARIANGELA 2,990,517
FIGUERAS, EDUARD 2,979,585
FILATOV, OLEG GENNADIEVICH 2,990,812
FILIGRADE B.V. 2,989,781
FINA TECHNOLOGY, INC. 2,990,388
FINDLEY, DANIEL PATRICK 2,989,433
FINDLEY, DANIEL PATRICK 2,989,837
FINGER LAKES INTELLECTUAL PROPERTY, LLC 2,991,033
FINNIS, CHRISTOPHER JOHN ARTHUR 2,989,966
FIORESI, CAROL MARIE 2,989,667
FIORINI, PAOLO 2,990,080
FIRSOV, ALEXEY ANATOL'EVICH 2,990,812
FIRST RAY, LLC 2,990,637
FISCHER, ANDREW (ANDY) 2,981,512
FISCHER, RAINER 2,989,464
FISCHER, REINER 2,990,078
FISCHER, STEPHAN 2,990,305
FITZGERALD, SEAN M. 2,991,094
FITZGERALD, SEAN M. 2,991,095
FITZPATRICK, BRIAN 2,990,533
FITZWATER, KELLY R. 2,989,680
FIVE ELEVEN PHARMA INC. 2,991,498
FLOERING, MICHAEL 2,990,610
FLOORING TECHNOLOGIES LTD. 2,990,412
FLORES RENTERIA, ARTURO 2,990,731
FLOREZ, CLINT 2,991,068
FLUCKIGER, ANNE-CATHERINE 2,982,796
FOG, KARINA 2,989,735
FONDAZIONE IRCCS CA' GRANDA - OSPEDALE MAGGIORE POLICLINICO 2,988,321
FONDAZIONE IRCCS ISTITUTO NAZIONALE DEI TUMORI 2,990,517
FONSECA, FERNANDA 2,983,192
FONTANA, DAVID 2,989,586
FOOTE, EVAN 2,991,146
FORD, COLIN 2,989,881
FORMA THERAPEUTICS, INC. 2,990,165
FORSCHUNGSZENTRUM BORSTEL LEIBNIZ-ZENTRUM FUER MEDIZIN UND BIOWISSENSCHAFTEN 2,989,960
FORTNER, KEVIN CHARLES 2,990,739
FOSER, BRUNO 2,990,494
FOSTER, KIRK SOLON 2,991,445
FOULKES, J. GORDON 2,990,805
FOULKES, J. GORDON 2,990,856
FRANCA, MARCOS 2,990,621
FRANCA, MARCOS R. 2,990,626
FRASER, GEORGE W. 2,991,094
FRASER, GEORGE W. 2,991,095
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,989,464
FRESE, MARCEL 2,979,585
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,989,693
FRESHBEV CRAFT JUICERY 2,991,494
FREUDENREICH, FRANK 2,990,495
FREZZA, BRIAN M. 2,991,094
FREZZA, BRIAN M. 2,991,095
FRIEDMAN, CLIFFORD H. 2,991,308
FRIESLANDCAMPINA NEDERLAND B.V. 2,987,918
FRIESZ, RICHARD 2,990,691
FRITSCHE, JENS 2,989,483
FRITSCHE, JENS 2,990,989
FRITSCHE, JENS 2,991,396
FRITZ, DOUGLAS C. 2,991,476
FRITZ, JOCHEN 2,990,990
FRITZ, WARD A. 2,990,834
FROHLICH, THOMAS 2,990,756
FU, HONG 2,989,555
FU, JIANMIN 2,990,234
FUJI, HIROSHI 2,990,943
FUJIE, NAOTO 2,991,404
FUJIOKA, AKIO 2,990,791
FUKAWA, KAZUO 2,990,567
FUKUDA, HIROYUKI 2,991,402
FURTADO GRAFIN VON YSENBURG-PHILIPPSEICH, AURORA MARIA 2,982,842
GACA, MAGDALENA 2,990,953
GADT, TORBEN 2,990,538
GAHMAN, TIMOTHY 2,982,890
GALCERAN OMS, LAURA 2,990,132
GALENICA S.A. 2,990,307
GALL, ALEXANDER 2,989,573
GALLINARI, M. PAOLA 2,979,585
GAN, MING 2,990,966
GANDOLLA, ALBERTO 2,989,273
GAO, BO 2,989,999
GAO, LINYI 2,989,830
GAO, YI 2,990,855
GARCIA FABREGAS, RUBEN 2,990,096
GARCIA FABREGAS, RUBEN 2,990,115
GARCIA GIMENEZ, JOSE LUIS 2,989,480
GARCIA, ARTURO 2,990,843
GARCIA, MICHEL 2,990,132
GARGALLO, JORDI 2,985,726
GARNER, GAGE D. 2,990,956
GARRETT, COLLEEN 2,990,855
GARRUTO, JOHN A. 2,990,627
GARRY, DANIEL J. 2,991,053
GARRY, DANIEL J. 2,991,056
GARRY, MARY G. 2,991,053
GARRY, MARY G. 2,991,056
GAS, FABIENNE 2,989,374
GASPARI, FRANCO 2,990,152
GATZWEILER, ELMAR 2,990,078
GAUDREAU, JEAN-GUY 2,988,921
GAUSTAD, TOM ODIN 2,990,516
GAUTHERON, ANTHONY 2,988,195
GAUTHIER, LAURENT 2,990,511
GAUTHIER, LAURENT 2,990,518
GAUTIER, PIERRICK 2,989,384
GAUVIN, JEAN-CHRISTOPHE 2,989,968
GAVENGNANO, CHRISTINA 2,991,209
GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD. 2,975,412
GE JENBACHER GMBH & CO OG 2,989,947
GE JENBACHER GMBH & CO OG 2,990,953
GE JENBACHER GMBH & CO OHG 2,990,953
GE-HITACHI NUCLEAR ENERGY AMERICAS LLC 2,989,564
GEBALD, CHRISTOPH 2,982,275
GELETNEKY, KARSTEN 2,990,749
GENENTECH, INC. 2,983,282
GENENTECH, INC. 2,989,936
GENENTECH, INC. 2,990,465
GENERAL ELECTRIC COMPANY 2,989,535
GENERAL ELECTRIC COMPANY 2,989,645

GENERAL ELECTRIC COMPANY 2,990,681
GENERAL ELECTRIC COMPANY 2,990,723
GENERAL MILLS, INC. 2,991,247
GENESTE, OLIVIER 2,990,083
GENESTE, OLIVIER 2,990,084
GENESTE, OLIVIER 2,990,088
GENESTE, OLIVIER 2,990,089
GENOVES MARTINEZ, SALVADOR 2,989,977
GEOBRUGG AG 2,989,915
GEORGE, CHRISTOPHER H. 2,991,303
GEORGI, DANIEL T. 2,989,442
GEORGI, SEBASTIAN 2,986,193
GEORGIA-PACIFIC CHEMICALS LLC 2,990,824
GERARDI, ANTHONY RICHARD 2,990,882
GERASIMOV, VLADIMIR SERGEEVICH 2,991,126
GERKE, CHRISTIANE 2,989,242
GERRITSEN, ARNOUT 2,989,739
GERSZBERG, IRWIN 2,990,167
GERSZBERG, IRWIN 2,990,842
GESTER, MATTHIAS 2,989,864
GESTER, MATTHIAS 2,989,871
GEVA-ZATORSKY, NAAMA 2,990,618
GHICOV, ANDREI 2,990,731
GHORBANI, HOSSEIN 2,990,075
GIAFFREDA, STEFANO LUCA 2,989,420
GIANNI, ALESSANDRO MASSIMO 2,990,517
GIL, CARLOS EDUARDO 2,991,424
GILEAD SCIENCES, INC. 2,990,210
GILLISSEN, STIJN 2,989,692
GILMAN, MORGAN 2,989,378
GILSON SAS 2,989,959
GIOIELLO, ANTIMO 2,989,167
GIORGETTI, PAOLO LUCA MARIA 2,981,757
GIRARD, MICHEL 2,989,958
GIRISH, APARNA KRISHNAN 2,991,068
GIROUX, MICHAEL J. 2,990,240
GISEWHITE, THOMAS H. 2,979,489
GIUSTI, MARIA MONICA 2,990,818
GLASENAPP, CARSTEN 2,989,262
GLASER, RONALD R. 2,991,215
GLASSTECH, INC. 2,990,592
GLASSTECH, INC. 2,990,844
GLAXOSMITHKLINE BIOLOGICALS S.A. 2,990,312
GLAXOSMITHKLINE BIOLOGICALS SA 2,989,242
GLENN, ROBERT WAYNE, JR. 2,982,492
GLOBAL MEDICAL ISOTOPE SYSTEMS LLC 2,990,967
GLOIER, MATT N. 2,990,685
GLUECK, MOSHE BRACHYA 2,991,007
GLYTECH, INC. 2,991,013
GOEDEGEBUUR, FRITS 2,989,667
GOH, GIHO 2,991,115
GOLBERG, KARINA 2,991,025
GOLDBERG, ZELANNA 2,989,586
GOLDSTEIN, BEN-ZION YITZCHAK 2,991,007
GOMEZ-PAEZ, MARCELA 2,989,471
GONG, HAO 2,991,247
GONZALES, BRUNO JOSE 2,990,304
GONZALEZ DE MEJIA, ELVIRA 2,989,678
GOODENOW, ROBERT 2,990,687
GOODING, PHILLIP H. 2,990,401
GOODING, ZACHARY K. 2,990,189
GOODMAN, JOHN 2,990,593
GOOTENBERG, JONATHAN S. 2,989,834
GOPALAKRISHNAN, KALPANA 2,991,098
GOPU, SRIRAM 2,990,590
GORONKOV, ANDREY VLADIMIROVICH 2,991,126
GOULET, MARIE-CLAIRE 2,991,139
GOYAL, SACHIT 2,990,841
GOYAL, SACHIT 2,990,859
GRAHAM, BARNEY 2,989,378
GRAHAM, KEITH 2,989,469
GRAHAM, MICHAEL 2,991,129
GRAM, LOTTA 2,991,006
GRANDEURY, ARNAUD 2,982,425
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,989,680
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,989,881
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,990,462
GRASSL, HARALD 2,990,538
GRASSO, LUIGI 2,989,637
GRAY, TIMOTHY 2,990,162
GRAY, TIMOTHY 2,990,163
GREELEY, JOHN P. 2,990,021
GREENE, JAMES L. 2,990,872
GREENE, WILLIAM 2,990,837
GREENEDEN U.S. HOLDINGS II, LLC 2,989,799
GREENFIELD, RAFI 2,991,005
GREGORY, CHRISTOPHER C. 2,990,453
GRENTZMANN, GUIDO 2,990,532
GRONDIN, PIERRE 2,990,695
GROOTE, MARJOLEIN 2,989,972
GROOTE, MARJOLEIN 2,989,973
GRUBERT, GERD 2,989,729
GRUETZMANN, ROBERT 2,990,316
GU, XIN 2,990,234
GUANCO, ANDRE ESPER 2,990,052
GUARDIAN GLASS, LLC 2,990,410
GUARDIAN GLASS, LLC 2,990,414
GUDEM, PRASAD SRINIVASA SIVA 2,990,200
GUERN, JEAN-CHRISTOPHE 2,990,964
GUIFRE, JULIO 2,991,239
GUION, ROMAIN 2,989,516
GUNTIN, ED 2,990,167
GUPTA, AMIT 2,991,068
GUPTA, SUDHIR KUMAR 2,988,266
GURURAJAN, BINDHUMADHAVAN 2,982,425
GUSTAVSSON, LENA 2,989,507
GUSTAVSSON, MIKAEL 2,983,389
GUTIERREZ, ANDREA 2,983,169
H. LUNDBECK A/S 2,989,735
H. LUNDBECK A/S 2,989,739
H. LUNDBECK A/S 2,990,521
H. LUNDBECK A/S 2,990,555
HAACK, TORSTEN 2,991,367
HAANING, SVEND 2,990,822
HABASIT AG 2,989,962
HACH, HARALD 2,990,855
HAGIOPOL, CORNEL 2,990,824
HAGSTRAND, PER-OLA 2,990,075
HAKOLA, SAMI-JUKKA 2,990,077
HALL, TIMOTHY 2,989,910
HALLBERG, ANDERS 2,989,715
HALLBERG, PER 2,990,945
HALLDIN, PETER 2,990,314
HALLIBURTON ENERGY SERVICES, INC. 2,985,601
HALLIBURTON ENERGY SERVICES, INC. 2,988,266
HALLIBURTON ENERGY SERVICES, INC. 2,989,999
HALLIBURTON ENERGY SERVICES, INC. 2,990,100
HALLIBURTON ENERGY SERVICES, INC. 2,990,154
HALLIBURTON ENERGY SERVICES, INC. 2,990,597
HALLIBURTON ENERGY SERVICES, INC. 2,990,599
HALLIBURTON ENERGY SERVICES, INC. 2,990,600
HALLIBURTON ENERGY SERVICES, INC. 2,991,481
HALLIBURTON ENERGY SERVICES, INC. 2,991,482
HALLINAN, NOEL C. 2,990,613
HAMADA, MAIKO 2,991,404
HAMILTON, MATTHEW 2,990,457
HAN, BINGSONG 2,990,165
HAN, MICHELLE 2,990,457
HANDRAL, HARISH KIRAN 2,990,590
HANSEN, ENIKO FODOR 2,989,488
HANSEN, ERIC CHRISTIAN 2,983,387
HANSEN, THOMAS STEEN 2,989,948
HANSSON, DENNIS 2,990,539
HANSSON, JENNIFER 2,989,507
HAQUE, TABASSUMUL 2,990,399
HARA, KATSUYOSHI 2,991,020
HARA, YOSHINORI 2,991,020
HARADA, JUNICHI 2,991,100
HARANDI, MOHSEN N. 2,990,021
HARDENSTEIN, JAYCEY 2,991,445
HAREL, ADRIAN 2,982,503
HAREL, MORDECHAI 2,990,190
HARLAN, C. JEFF 2,982,594
HARLAN, C. JEFF 2,982,900
HARMON, PAUL MICHAEL 2,990,701
HARMSEN, STEFAN 2,990,223
HAROSH, ELI 2,990,311
HARRIS, WILLIAM H. 2,989,797
HARRISON, BOYD L. 2,991,313
HARVEY, LEONARD W. 2,991,492
HASEGAWA, FUTOSHI 2,990,564

HASEGAWA, FUTOSHI 2,990,583
HASEGAWA, KOJI 2,991,105
HASHEM, MOHAMED 2,991,324
HASHIMOTO, YUJI 2,991,104
HASHIZUME, MIKI 2,990,583
HASTINGS, JEFFREY JOHN 2,991,071
HAVERS, THOMAS 2,990,512
HAWKINS, JAMES W. 2,989,809
HAWKINS, JAMES W. 2,989,812
HAWKINS, JANET 2,989,499
HAWTHORNE, LOUIS 2,991,142
HAYDEN, MARK A. 2,981,512
HEAVEY, CATHAL 2,989,824
HEBERT, LARRY S. 2,989,808
HEBRANK, JOHN HILBERT 2,989,176
HEDHAMMAR, MY 2,990,523
HEFFERNAN, TIMOTHY 2,990,457
HEGURI, SHIN-ICHI 2,990,568
HEIDELBERGCEMENT AG 2,990,086
HEIKING, NATHAN D. 2,989,809
HEILMAYER, WERNER 2,989,372
HEISKANEN, JUKKA 2,983,169
HEITER, UWE 2,990,501
HELMKE, HENDRIK 2,990,078
HENAO, JUAN D. 2,990,399
HENCO, KARSTEN 2,989,923
HENDERSHOT, RONALD E. 2,990,421
HENDRICKSON USA, L.L.C. 2,990,403
HENDRICKSON USA, L.L.C. 2,990,729
HENKEL AG & CO. KGAA 2,989,692
HENKEL AG & CO. KGAA 2,990,515
HENKEL, BERND 2,991,367
HENLIUS BIOTECH CO., LTD. 2,990,450
HENNING, STEVEN K. 2,990,388
HENRY COMPANY, LLC 2,990,211
HENRY, PAUL SHALA 2,990,167
HENRY, PAUL SHALA 2,990,842
HENSARLING, JESSE K. 2,990,100
HENSLEY, CHARLES 2,991,124
HENSSIEN, ADRIEN 2,989,913
HERD, OLIVER 2,989,239
HERRIN, PHILIP E. 2,990,700
HERVAS MARIN, DAVID 2,989,480
HESSEL, SASCHA 2,990,731
HETERO LABS LTD 2,982,423
HIBBS MARKETING SERVICES LLC 2,991,458
HIBBS, CURTIS RANDALL 2,991,458
HICKS, CALLUM 2,991,236
HIGH, KATHERINE A. 2,990,193
HIGUCHI, MAKOTO 2,991,400
HIGUCHI, RUSSELL 2,989,573
HIGUCHI, TATSUYA 2,991,291
HILBURG, SHAYNA L. 2,991,094
HILBURG, SHAYNA L. 2,991,095
HILLEBRAND, STEFAN 2,989,237
HINSMANN, PETER 2,989,372
HINZE, ULF 2,989,864
HINZE, ULF 2,989,871
HIPPARGE, NURPASHA JAHANGIR 2,991,482
HIPPS, CHRIS 2,989,234
HIRANO, FUMI 2,991,282
HIRD, ALEXANDER 2,989,499
HISAZUMI, KOJI 2,991,105
HISHIKAWA, SATORU 2,990,505
HIYOSHI, RYOUSUKE 2,990,708
HNI TECHNOLOGIES INC. 2,989,662
HOCHMUTH, JOHN K. 2,989,122
HOCHMUTH, JOHN K. 2,989,133
HODGSON, MATTHEW JAMES 2,990,186
HOEHLE, NEIL F. 2,990,058
HOFLER, CATHERINE L. 2,991,094
HOFLER, CATHERINE L. 2,991,095
HOFSTROM, BJORN 2,985,735
HOLETS-MCCORMACK, SHELLEY R. 2,981,512
HOLLINGSHEAD, JUDITH A. 2,990,951
HOLLISTER INCORPORATED 2,989,316
HOLLISTER INCORPORATED 2,989,330
HOLM, AARON 2,989,324
HOLMES, MICHAEL J. 2,989,997
HOLMGREN, BERT 2,989,535
HOLTAN, MELODY 2,990,864
HOMBERG, ULF 2,990,889
HONDA MOTOR CO., LTD. 2,990,778
HONDA MOTOR CO., LTD. 2,991,111
HONG, SUNGRYONG 2,986,763
HONGO, SATOSHI 2,990,942
HONJO, TAKASHI 2,991,404
HOOTS, JOHN E. 2,990,634
HORIGUCHI, TOMOYUKI 2,991,121
HORINOUCHI, AYANOBU 2,991,121
HORNAUER, MATTHIAS 2,989,262
HORNER, M. GLENN 2,991,319
HORNG, LIN-YEA 2,991,446
HORZER, HELEN 2,990,989
HOSPITAL UNIVERSITARIO Y POLITECNICO LA FE. 2,989,480
HOTTER, ANDREAS 2,990,546
HOVDEBO, KENTON 2,991,130
HOWANEC, MYRON, JR. 2,990,733
HSIEH, JAMES 2,990,477
HTWE, KHIN YU NAING 2,991,195
HUANG, BEIMING 2,991,082
HUANG, LAN 2,991,059
HUANG, SHIHAI 2,990,441
HUANG, WENYI 2,990,621
HUANG, WENYI 2,990,626
HUANG, YUHUA 2,990,234
HUAWEI TECHNOLOGIES CO., LTD. 2,986,613
HUAWEI TECHNOLOGIES CO., LTD. 2,990,966
HUAWEI TECHNOLOGIES CO., LTD. 2,990,969
HUBBELL INCORPORATED 2,990,970
HUBER, NORMAN KARL 2,989,369
HUFF, JEFFREY B. 2,981,512
HUFFMAN, ANDREW 2,991,146
HUGHES, DANIEL 2,991,146
HUISMAN, MIRANDA MARYSKA HELENA 2,987,918
HULL, JOHN 2,990,691
HUMBERT, LEIGH ANN 2,990,203
HUNDEMER, HANK J. 2,989,596
HUNDEMER, HANK J. 2,989,607
HUNTER, WILLIAM L. 2,990,814
HUNTER, WILLIAM L. 2,990,816
HUNTER, WILLIAM L. 2,990,821
HUNTER, WILLIAM L. 2,990,825
HUNTER, WILLIAM L. 2,990,828
HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH 2,990,505
HUPPERT, JOCHEN 2,989,593
HURST, JASON M. 2,990,229
HUSAIN, ZAHEED 2,990,852
HUSKY INJECTION MOLDING SYSTEMS LTD. 2,990,485
HUSNIK, JOHN I. 2,991,325
HYDREXIA PTY LTD 2,991,310
HYDRO ALUMINIUM ROLLED PRODUCTS GMBH 2,990,303
I.G.B. S.R.L. 2,989,273
IACCINO, LARRY L. 2,990,399
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 2,990,835
ICONIC THERAPEUTICS, INC. 2,990,837
IDIN LAB, INC. 2,990,363
IDORSIA PHARMACEUTICALS LTD 2,989,968
IGGO, JONATHAN AINSLEY 2,982,395
IHI CORPORATION 2,990,786
IHRKE, THOMAS JAMES 2,984,917
IKE, MICHIHIKO 2,990,776
IKEDA, OSAMU 2,990,568
ILG, THOMAS 2,990,526
IMAMURA, KIMIHIKO 2,990,798
IMAMURA, RYUTARO 2,991,011
IMAMURA, TAKESHI 2,991,294
IMEC VZW 2,990,080
IMHOF-JUNG, SABINE 2,990,755
IMMATICS BIOTECHNOLOGIES GMBH 2,989,483
IMMATICS BIOTECHNOLOGIES GMBH 2,990,507
IMMATICS BIOTECHNOLOGIES GMBH 2,990,989
IMMATICS BIOTECHNOLOGIES GMBH 2,991,396
IMMUNOGEN, INC. 2,989,321
INDIA GLOBALIZATION CAPITAL, INC. 2,981,285
INDIANA SOYBEAN ALLIANCE, INC. 2,989,797
INFECTION CONTAINMENT COMPANY, LLC 2,990,627
INFLAMAX RESEARCH INC. 2,990,815
INGENICO GROUP 2,990,770
INGOLE, SUDEEP 2,991,328
INIT INNOVATIVE INFORMATIKANWENDUNGEN IN TRANSPORT-, VERKEHRS- UND LEITSYSTEMEN GMBH 2,989,909
INNATE PHARMA 2,990,511

INNATE PHARMA 2,990,518
INNATE PHARMA 2,990,520
INNOSPECTION GROUP LIMITED 2,982,025
INOCUCOR TECHNOLOGIES, INC. 2,984,075
INOUE, DAISUKE 2,990,776
INOUE, HIROFUMI 2,990,772
INPRO/SEAL LLC 2,990,058
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE - INRA 2,988,109
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE 2,983,192
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,990,304
INSTITUTO NACIONAL DE INVESTIGACION Y TECNOLOGIA AGRARIA Y ALIMENTARIA 2,989,471
INTERCEPT PHARMACEUTICALS, INC. 2,989,167
INTERNATIONAL BOXES S.R.L. 2,989,744
INTRIENERGY INC. 2,990,152
ION GEOPHYSICAL CORPORATION 2,990,830
IONIS PHARMACEUTICALS, INC. 2,990,699
IOWA CORN PROMOTION BOARD 2,990,845
IRELAND, IAN 2,991,097
IRISH, ANDREW 2,990,720
ISAACS, JASON 2,990,720
ISHIBUCHI, SEIGO 2,991,404
ISHIZAKI, MASATO 2,990,786
ITO, KAZUHIRO 2,981,945
ITO, TETSUYA 2,990,567
IWAZAKI, KENICHI 2,991,104
IYER, RADHAKRISHNAN P. 2,991,156
JACKSON, THADDEUS J. 2,990,882
JACOBSON, ARTHUR A. 2,990,685
JACQUEMONT, NICOLAS 2,990,770
JAECKEL, CHRISTIAN 2,989,488
JAGER, CHRISTOPH 2,990,990
JAKOWSKI, KLAUS 2,990,090
JAMES, BOBBY G., JR. 2,990,038
JANDREW, JASON 2,991,327
JANIK, JOHN J. 2,990,631
JANOS, VARGA 2,989,930
JANOSKI, RICHARD A., SR. 2,990,203
JANUNTS HOLDING UG (HAFTUNGSBESCHRANKT) 2,990,524
JANUNTS, EDGAR 2,990,524
JAPAN TOBACCO INC. 2,991,020
JARRIAULT, MARINE 2,989,978
JARRY, PASCAL 2,989,244
JASRA, RAKSH VIR 2,991,098
JAYASANKAR, ADIVARAHA 2,990,855
JCR PHARMACEUTICALS CO., LTD. 2,990,565
JCR PHARMACEUTICALS CO., LTD. 2,990,785
JEAN-MARY, FLEUMINGUE 2,990,951
JEGOU, SYLVIE MARGUERITE ALBERTE 2,990,304
JENG, PAUL 2,990,477
JENKINGS, SIMON ANTHONY 2,989,969
JENKINSON, CELIA PATRICIA 2,990,805
JENKINSON, CELIA PATRICIA 2,990,856
JEPPESEN, IBEN 2,989,488
JERABEK, MICHAEL 2,989,957
JFE STEEL CORPORATION 2,991,018
JFE STEEL CORPORATION 2,991,104
JFE STEEL CORPORATION 2,991,294
JIA, FENG 2,991,082
JIAN, YUANLI 2,990,851
JIANG, CHUNXI 2,991,068
JIANG, JINLONG 2,990,234
JIANG, WEI-DONG 2,990,450
JIAO, HAILONG 2,990,696
JILEK, CHRISTINE 2,990,690
JIMENEZ, JORGE 2,990,872
JIN, JING 2,990,651
JOHANSSON, ELINN 2,989,507
JOHNSON, AMY S. 2,989,178
JOHNSON, DAVID WILLIAM 2,982,395
JOHNSON, KIMBERLY ANN 2,990,436
JOHNSON, KIMBERLY ANN 2,990,437
JOHNSON, MATTHEW P. 2,990,453
JOHNSON, MICHAEL H. 2,990,771
JOHNSON, SONYA 2,990,645
JOHNSTON, RICHARD DUANE 2,990,739
JOHNSTON, WILLIAM ALBERT 2,989,533
JOINT STOCK COMPANY "CENTRAL DESIGN BUREAU OF MACHINE BUILDING" 2,991,126
JOINT STOCK COMPANY "D.V. EFREMOV INSTITUTE OF ELECTROPHYSICAL APPARATUS" 2,990,812
JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS" ("SCIENCE AND INNOVATIONS", JSC) 2,990,812
JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS" ("SCIENCE AND INNOVATIONS", JSC) 2,991,126
JOKELA, PEKKA 2,983,169
JOLLIFFE, DAVID VICTOR 2,991,309
JOLLIFFE, STEVEN PAUL 2,991,309
JONES, BENJAMIN 2,990,080
JONES, FIONA 2,990,563
JONES, FREDERICK T. 2,990,472
JONES, JAMES THOMAS 2,991,445
JONES, PHILIP 2,990,457
JONES, RONALD S., JR. 2,991,132
JONGEN, HUBERTUS JOHANNES 2,989,972
JONGEN, HUBERTUS JOHANNES 2,989,973
JONSSON, JORGEN 2,990,889
JONSSON, JORGEN 2,990,998
JORGENSEN, WILLIAM 2,991,236
JOSEPH, BENJAMIN ISAIAH 2,990,229
JOSHI-HANGAL, RAJASHREE 2,991,167
JUKES, AMANDA KISER 2,989,425
JUSTE, CATHERINE 2,983,192
K-FEE SYSTEM GMBH 2,989,942
KABUSHIKI KAISHA POWREX 2,991,105
KACPEREK, KAZIMIERZ 2,990,848
KACPEREK, KAZIMIERZ 2,990,850
KACPEREK, KAZIMIERZ 2,990,857
KADEREIT, DIETER 2,991,367
KAGEY, MICHAEL H. 2,989,313
KAHAIAN, ARTHUR 2,989,956
KAHN, DENNY 2,989,919
KAISER, STEFFEN 2,989,733
KAJIWARA, KENTARO 2,991,121
KAKUTA, HIROKI 2,990,578
KALEO, INC. 2,990,950
KALLSTRAND, BIRGITTA 2,990,075
KALLUNKI, PEKKA 2,989,735
KALTHOFF, HOLGER 2,990,316
KALWA, NORBERT 2,990,412
KAMBALAPALLY, SWETHA 2,990,190
KAMIKAWA, MAI 2,990,567
KAMLAGE, BEATE 2,990,316
KAMMATH, APURV ULLAS 2,990,843
KANG, EUI-CHUL 2,991,011
KANTOLA, JAMES C. 2,991,035
KAPARKOVA, MARINA VIKTOROVNA 2,990,812
KARABATSOS, PETER J. 2,981,512
KARKI, SARA 2,983,169
KASPER, DENNIS 2,990,618
KASSA, AEMRO 2,990,643
KASSIOU, MICHAEL 2,991,236
KASTANEK, RAYMOND S. 2,989,680
KATDARE, RAHUL 2,990,624
KATRAVULAPALLI, VEERA VENKATA SATYA BHASKARA SITA RAMA MURTHY 2,991,098
KAUFFMAN, KEVIN JOHN 2,990,172
KAUFMAN, KATHLEEN MARY 2,982,492
KAUR, JAGDEEP 2,990,845
KAWASAKI, YUDAI 2,990,777
KAWATA, ATSUSHI 2,991,404
KAZANTSEV, RODION PETROVICH 2,991,126
KCI LICENSING, INC. 2,991,037
KEARNS, KENNETH L. 2,990,035
KEATING, COLM 2,989,816
KEBA AG 2,986,931
KEEFE, DENNIS 2,982,815
KEELER, MICHAEL J. 2,990,403
KEHRES, CLINTON E. 2,990,229
KEIL, DANIEL 2,990,526
KEIRSTEAD, HANS S. 2,982,176

KEIRYO PACKAGING SA 2,991,372
KEITH, JERROD 2,990,689
KEITHLY, ADAM 2,990,458
KEIZER, TIMOTHY S. 2,990,634
KELLER, ANDREAS 2,991,090
KELLOGG COMPANY 2,990,467
KELLY, SEAN M. 2,990,603
KEMP, HELEN R. 2,990,951
KENALL MANUFACTURING COMPANY 2,989,809
KENALL MANUFACTURING COMPANY 2,989,812
KENDING, CORY SHAWN 2,989,446
KERENDIAN, HORMOZ 2,990,729
KERVER, JOHANNES BERNARDUS 2,989,781
KESERU, GYORGY MIKLOS 2,982,232
KHABASHESKU, VALERY N. 2,990,771
KHALFIN, BORIS 2,981,732
KHAN, MIRAJUDDIN RIAZUDDIN 2,990,160
KHATRI, AMIT 2,990,965
KHUSNUTDINOVA, ANNA 2,991,074
KIBSGAARD, SVEND TARALD 2,990,516
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MULDER, HARM 2,989,667
MULLEN, CAROLYN 2,990,441
MULLENBERG, JESSICA 2,989,324
MULLER, THOMAS 2,989,908
MUNKPLAST AB 2,990,504
MURAKAMI, KENGO 2,991,020
MURAKAMI, TSUTOMU 2,990,786
MURANYI, ANDREA 2,990,214
MURAOKA, TAKAHIRO 2,991,011
MURRAY, JAMES BROOKE 2,990,083
MURRAY, JAMES BROOKE 2,990,084
MURRAY, JAMES BROOKE 2,990,088
MURRAY, JAMES BROOKE 2,990,089
MUSU, ETTORE 2,989,947
MYERS, JASON KENNETH 2,990,739
NAAS, ROBERT L. 2,991,033
NABRIVA THERAPEUTICS GMBH 2,989,372
NACHTMANN, ANTON 2,990,128
NAGAO, AKIHIDE 2,991,018
NAGATO, TAKUYA 2,991,105
NAKANO, TOMOYUKI 2,991,402
NAKAUCHI, HIROMITSU 2,990,567
NALBANDIAN, ARMEN 2,990,946
NALLY, DEBORAH 2,990,977
NANOSTONE WATER INC. 2,989,669
NANOTICS, LLC 2,991,142
NANT HOLDINGS IP, LLC 2,990,861
NARDI, PAOLO 2,991,324
NARIS, MARIUS 2,990,855
NARLA, GOUTHAM 2,990,835
NASDAQ, INC. 2,991,211
NATHAN, ILANA 2,981,732
NATIONAL FEDERATION OF AGRICULTURAL COOPERATIVE ASSOCIATIONS 2,990,567
NATIONAL UNIVERSITY CORPORATION OKAYAMA UNIVERSITY 2,990,578
NATIONAL UNIVERSITY OF SINGAPORE 2,990,590
NATURA COSMETICOS S.A. 2,982,842
NATURO PTY LTD 2,991,071
NEDDEMEYER, TORSTEN 2,990,731
NEDDERMANN, DIRK 2,990,495
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO 2,990,014
NELA GMBH 2,990,495
NELSON, KEVIN S. 2,990,441
NEMET, YARON 2,991,275
NEOSTEM ONCOLOGY, LLC 2,982,176
NESMITH, GENE B. 2,989,808
NESTEC S.A. 2,989,244
NEUBAUER, TORSTEN 2,989,729
NEUMANN, CHRISTIANE 2,990,755
NEUPER, DIRK HOLGER 2,991,060
NEUROCRINE BIOSCIENCES, INC. 2,990,194
NEWMAN, STEPHEN D. 2,987,713
NEZHENTSEV, ANDREY NIKOLAEVICH 2,990,812
NG, MAN KIT 2,990,399
NG, PUI YEE 2,990,165
NGUYEN, DINH QUY 2,986,013
NICHOLAS, BRAD 2,989,806
NICHOLLS, KARL MICHAEL 2,989,966
NICKELL, JASON 2,990,526
NICOLAS, YVES 2,987,918
NICOLEAU, LUC 2,990,538
NIEDZIELA, SEBASTIAN 2,990,953
NIJHAWAN, DEEPAK 2,991,420
NILSSON, ERIK 2,991,110
NILSSON, ERIK 2,991,113
NILSSON, ERIK 2,991,123
NILSSON, MAGNUS 2,990,308
NILSSON, ULF 2,990,075
NISHIMURA, MASUHIRO 2,991,291
NISSAN MOTOR CO., LTD. 2,990,708
NISSAN MOTOR CO., LTD. 2,990,772
NISSAN MOTOR CO., LTD. 2,990,774
NISSAN MOTOR CO., LTD. 2,990,775
NISSAN MOTOR CO., LTD. 2,991,279
NISSAN MOTOR CO., LTD. 2,991,402
NISSAN MOTOR CO., LTD. 2,991,471
NISTOR, GABRIEL 2,982,176
NKT HV CABLES GMBH 2,990,075
NODA, NAONOBU 2,990,942
NOF CORPORATION 2,991,011
NOGITA, KAZUHIRO 2,991,310
NOGUCHI, SHIGERU 2,990,572
NOGUCHI, YASUMOTO 2,991,009
NOKIA SOLUTIONS AND NETWORKS OY 2,990,077
NOONAN, KIMBERLY A. 2,991,040
NORDSKOG, BRIAN KEITH 2,990,882
NORMAN, DOUGLAS BLAKE 2,986,010
NORTHGATE TECHNOLOGIES INC. 2,990,670
NORTHWEST BIOTHERAPEUTICS, INC. 2,990,640
NOUI-MEHIDI, MOHAMED NABIL 2,990,225
NOVAL, MICHELLE 2,989,324
NOVARTIS AG 2,982,425
NOVIK, SHAI 2,982,452
NOVOMER, INC. 2,991,202
NOVOMER, INC. 2,991,206
NOVOMER, INC. 2,991,207
NOVOZYMES A/S 2,989,314
NUSCALE POWER, LLC 2,989,310
NUYTEN, DIMITRY SERGE ANTOINE 2,989,586
NYGAARD, THOMAS PEDERSEN 2,989,948
O'BRIEN, CHRISTOPHER F. 2,990,194
OBAYASHI, MASAYUKI 2,991,019
OBERMILLER, CONSTANZE 2,990,855
OBI PHARMA, INC. 2,990,696
OCEAN AERO, INC. 2,990,606
ODA, YUICHI 2,957,649
ODENTHAL, HARTMUT 2,990,508
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,990,731
OESTERGAARD, ESBEN H. 2,991,244
OGATA, SHINGO 2,991,404
OGMEN, MELIH 2,990,956
OGURA, AKIHIRO 2,991,013
OH, YOUNG-HO 2,986,214

OHLMEYER, MICHAEL 2,990,835
OHLSSON, HENRIK 2,991,189
OHTAKE, TOMOYUKI 2,991,011
OIKE, TAKAYUKI 2,991,019
OKADA, SHANNON L. 2,990,012
OKADA, SHANNON L. 2,990,015
OKAJIMA, DAISUKE 2,990,572
OKAMOTO, KAZUHIKO 2,990,708
OKAMOTO, KEIICHI 2,991,282
OKI, TAKAHIKO 2,991,471
OKU, TAKANORI 2,991,279
OKUTA, DANIELA VELOSO 2,982,842
OKUYAMA, TAKESHI 2,990,775
OLAJOS, MARCELL 2,989,930
OLIVEIRA, RAFAEL M. 2,990,599
OLIVER, JASON DAVID 2,982,660
OLSON, KURT G. 2,990,203
OLSSON, CARL-OLOF 2,990,075
OLSSON, MARTIN 2,983,389
OLVERA, PAUL E. 2,990,038
OMICRON ELECTRONICS GMBH 2,989,733
ONDI, LEVENTE 2,990,084
ONDI, LEVENTE 2,990,089
OPERR TECHNOLOGIES, INC. 2,991,092
OPTERION HEALTH AG 2,990,532
OPTIMEDICA CORPORATION 2,990,382
OPTIMEDICA CORPORATION 2,990,401
ORBAN, ANDRE 2,990,957
ORBAN, ANDRE 2,991,024
ORBAN, ANDRE 2,991,032
ORDENTLICH, PETER 2,990,687
OREN, RAVIT 2,988,270
ORIEL SEASALT COMPANY LIMITED 2,990,533
ORTIZ, EDISON U. 2,991,073
OSAGAWA, KENTA 2,990,943
OSAGAWA, KENTA 2,990,944
OSAKA UNIVERSITY 2,990,776
OSBORN, JAMES R. 2,991,476
OSBORNE, ROBERT 2,991,195
OSE IMMUNOTHERAPEUTICS 2,990,299
OSHODI, SHADIA 2,989,178
OSMA CRUZ, JOHANN FACCELO 2,990,750
OSSWALD, BIANCA 2,979,585
OSTERMANN, JOERN 2,986,613
OSTERTAG, ERIC 2,989,827
OTA, ASUKA 2,991,094
OTA, ASUKA 2,991,095
OTSUKA PHARMACEUTICAL CO., LTD. 2,991,167
OTSUKA PHARMACEUTICAL FACTORY, INC. 2,991,291
OUCHI, TAKASHI 2,991,115
OUERFELLI, OUATHEK 2,990,477
OUTOKUMPU OYJ 2,990,756
OVADYA, DANIEL 2,991,129
OWEN, CHARLES MELVIN 2,990,761
OWEN, CHARLES MELVIN 2,990,762
OWENS, JONATHAN 2,990,458
OZAKI, YOSHITOMO 2,990,568
PACINI, SERGIO 2,990,595
PACZAL, ATTILA 2,990,083
PACZAL, ATTILA 2,990,088
PACZAL, ATTILA 2,990,089
PACZKOWSKI, LYLE WALTER 2,990,041
PADMANABHAN, SEETHARAMAIYER 2,991,156
PAINTER, JIM 2,991,474
PAJUKOSKI, KARI PEKKA 2,990,077
PAKFLATT (UK) LIMITED 2,990,740
PALAFOX, MANUEL CALAYCAY 2,990,184
PALLARDO CALATAYUD, FEDERICO VICENTE 2,989,480
PALLOTTA, CHRISTOPHER J. 2,991,308
PALMQVIST, LISA 2,991,182
PALOMBINI, JOHN C. 2,989,937
PAN, CHIN 2,989,144
PAN, SHIFENG 2,991,327
PANCHAUD, PHILIPPE 2,989,968
PAPP, SIEGMUND 2,989,130
PAPSDORF, CLIFFORD THEODORE 2,989,433
PAPSDORF, CLIFFORD THEODORE 2,989,837
PARATI, EUGENIO 2,988,321
PARDOLL, DREW M. 2,991,040
PAREEK, KIRAN 2,990,616
PARK, HUNSOO 2,991,115
PARK, JOO-SUNG 2,986,214
PARK, NICHOLAS 2,989,969
PARKER-HANNIFIN CORPORATION 2,990,737
PARKS, JESSICA 2,989,169
PARREN, PAUL 2,989,735
PARREN, PAUL 2,989,739
PARSONS, DAVID 2,990,251
PARTHASARADHI REDDY, BANDI 2,982,423
PASTERNAK, ALEXANDER 2,990,234
PASTORUTTI, GINO 2,989,745
PATEL, NIMESHKUMAR KANTILAL 2,990,723
PATEL, PIYUSH RANCHODBHAI 2,990,815
PATTERSON, JEREMY CHRISTIN 2,990,052
PATUREL, CARINE 2,990,520
PAVLIV, LEO 2,990,880
PAYNE, MARK S. 2,989,337
PEARSON, LUKE 2,990,953
PEDERSEN, JAN TORLEIF 2,990,555
PEDERSEN, LARS OSTERGAARD 2,990,555
PEIFFER, DENNIS G. 2,990,399
PEL, MAARTJE SASKIA 2,990,563
PELED KAMAR, MIRA 2,988,270
PELLAND, JON A. 2,991,328
PELLETTIERE, JOSEPH R. 2,990,399
PELLICCIARI, ROBERTO 2,989,167
PENN ENGINEERING & MANUFACTURING CORP. 2,991,152
PEREIRA, BRUNO RUFATO 2,990,621
PEREIRA, BRUNO RUFATO 2,990,626
PEREIRA, ROBERTA GISELE DE SOUZA OLIVEIRA 2,982,842
PEREZ, HEIDI L. 2,990,030
PERFORMANCE INDICATOR, LLC 2,991,319
PERI GMBH 2,990,528
PERORA GMBH 2,989,508
PERORA GMBH 2,989,509
PERRIN, PHILIPPE 2,989,975
PERRIN, VICTORIA LOUISE 2,990,563
PERRON-SIERRA, FRANCOISE 2,989,167
PERRON-SIERRA, FRANCOISE 2,990,089
PETER, ERIK 2,990,316
PETERS, NILS 2,990,082
PETERSON, ANDREW J. 2,989,130
PETERSSON, DANIEL 2,990,889
PETHO, LILLA 2,979,585
PETROCCHI, ALESSIA 2,990,457
PEYRARD, STEPHANE 2,989,384
PEZZOTTI, MARIO 2,988,072
PFIZER INC. 2,983,387
PFIZER, INC. 2,989,586
PHAM DUC, TUAT 2,990,309
PHILIP MORRIS PRODUCTS S.A. 2,989,965
PHILIP MORRIS PRODUCTS S.A. 2,989,978
PHILLIP, ANGELA 2,990,951
PHILLIPS, DAVID R. 2,990,836
PHILLIPS, GAIL LEWIS 2,990,465
PHILLIPS, GEORGE R. 2,990,035
PICCOLO-WIGNALL, JOHN 2,991,476
PICHILINGUE, RENATO L. 2,987,902
PICHILINGUE, RENATO L. 2,989,828
PICHLER, GARWIN 2,989,261
PIETRO FIORENTINI SPA 2,991,324
PIETRO FIORENTINI SPA, INC 2,991,324
PIJOLAT, CHRISTOPHE 2,989,484
PIKE, KURT GORDON 2,989,499
PILARSKY, CHRISTIAN 2,990,316
PILLAR BIOSCIENCES INC. 2,991,401
PINTENS, AN 2,989,425
PINYOT, JEFFREY 2,991,146
PLANCHE, JEAN-PASCAL 2,991,215
PLANTE, JEAN-SEBASTIEN 2,991,239
PLOESSL, KARL 2,991,498
PLONCZAK, PAWEL 2,990,603
PODSADECKI, THOMAS J. 2,990,965
POHLMEIER, ROBERT 2,989,693
POLEVOY, RICHARD S. 2,991,033
POLSKI, BARBARA 2,990,321
POMA, ERIC 2,991,259
PONATH, PAUL D. 2,989,144
POOLE, ALEKSANDRA J. 2,982,176
PORIFERA, INC. 2,990,636
PORM, KARSTEN 2,990,090
POSEIDA THERAPEUTICS, INC. 2,989,827
POTISEK, STEPHANIE L. 2,990,829
POTTS, DOUGLAS L. 2,990,863
POULET, HERVE 2,990,633
POVIVA TEA, LLC 2,984,917
POWELL, HUGH 2,989,244
POWELL, JOSEPH BROUN 2,990,436

POWELL, JOSEPH BROUN 2,990,437
PPG INDUSTRIES OHIO, INC. 2,990,203
PRAKASH, ANAND 2,985,601
PRAKASH, THAZHA P. 2,990,699
PRAXAIR TECHNOLOGY, INC. 2,990,603
PRECISION MEDICAL DEVICES, INC. 2,990,971
PRECISION MEDICAL DEVICES, INC. 2,990,974
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,989,834
PRESIDENT AND FELLOWS OF HAVARD COLLEGE 2,990,618
PRESLEY, CHRIS 2,990,624
PRETZ, MATTHEW T. 2,990,639
PRETZ, MATTHEW T. 2,990,866
PRICE, JOSHUA M. 2,989,861
PRIMEVAX IMMUNO-ONCOLOGY, INC. 2,991,212
PRINSE, WILHELMUS CORNELIS 2,990,014
PROBIOTICAL S.P.A. 2,983,083
PROFESSIONAL DIETETICS S.P.A. 2,981,757
PROFUSA, INC. 2,990,873
PROSZENYAK, AGNES 2,990,083
PROSZENYAK, AGNES 2,990,084
PROSZENYAK, AGNES 2,990,089
PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY 2,991,400
PUCA, GIUSEPPE 2,989,946
PULLINS, STEVEN 2,990,873
PULMOCIDE LIMITED 2,981,945
PUNKE, ALFRED 2,989,729
PURDUE RESEARCH FOUNDATION 2,991,445
PURDY, DAVID 2,989,819
PURVES, THOMAS 2,991,068
PUSHKO, PETER 2,991,213
PUTZU, DOMINIC 2,990,524
Q-CORE MEDICAL LTD. 2,991,005
QIAN, SHAWN 2,991,171
QIAN, SHAWN 2,991,174
QIU, HUI 2,989,651
QUALCOMM INCORPORATED 2,989,404
QUALCOMM INCORPORATED 2,989,419
QUALCOMM INCORPORATED 2,989,655
QUALCOMM INCORPORATED 2,989,658
QUALCOMM INCORPORATED 2,989,659
QUALCOMM INCORPORATED 2,990,200
QUALCOMM INCORPORATED 2,990,473
QUBIQA ESBJERG A/S 2,990,760
QUERNIN, MARIE-HELENE 2,990,748
R. J. REYNOLDS TOBACCO COMPANY 2,990,882
RABOT, SYLVIE 2,983,192
RADEMAKER, RIK 2,989,735
RADICS, GABOR 2,990,089
RADIOMETER MEDICAL APS 2,989,948
RAGHURAMAN, ARJUN 2,990,829
RAGHURAMAN, ARJUN 2,990,841
RAGHURAMAN, ARJUN 2,990,859
RAGUSA, MARK 2,990,683
RAHDAR, MEGHDAD 2,990,699
RAJAGOPAL, ARUN 2,990,041
RAKUTEN, INC. 2,991,100
RAKUTEN, INC. 2,991,106
RAMAGE, DAVID L. 2,990,613
RAMEY, KIRK D. 2,991,058
RAMIREZ, LILIAN 2,990,690
RAMM, JURGEN 2,990,731
RAMMENSEE, HANS-GEORG 2,990,507
RAMON VIDAL, DANIEL 2,989,977
RAMSAMY, SANJAY 2,989,959
RATHNAKAR REDDY, KURA 2,982,423
RAUSIS, PASCAL 2,989,978
RAVETCH, JEFFREY V. 2,990,015
REBULLA, PAOLO 2,988,321
RECKITT BENCKISER (BRANDS) LIMITED 2,990,563
RECKZEH, DANIEL 2,990,742
RED BULL GMBH 2,989,243
REDDING, BRIAN ARNOLD 2,989,404
REDDY, RAVISEKHARA POCHIMIREDDY 2,990,839
REDKAR, SANJEEV 2,991,167
REES, RICHARD 2,991,409
REESE, POPPY CLEA 2,990,429
REGENERON PHARMACEUTICALS, INC. 2,989,178
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,991,053
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,991,054
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,991,056
REGULA, JOERG THOMAS 2,990,755
REICHWEIN, ADRIANUS MARIA 2,989,972
REICHWEIN, ADRIANUS MARIA 2,989,973
REITER, YORAM 2,988,270
RELIANCE INDUSTRIES LIMITED 2,991,098
REMSAFE PTY LTD 2,990,848
REMSAFE PTY LTD 2,990,850
REMSAFE PTY LTD 2,990,853
REMSAFE PTY LTD 2,990,857
REN, YING 2,991,247
RENAISSANCE BIOSCIENCE CORP. 2,991,325
RENDER, STEPHEN 2,990,327
RESCO PRODUCTS, INC. 2,979,489
RESZKA, REGINA 2,990,316
REUL, REGINA 2,990,855
REVANUR, RAVINDRA 2,990,636
REYES, LARISA MAE Q. 2,990,829
REYNA, NAPHTALI 2,990,457
RHEIN, DAVID JAMES 2,990,009
RHEIN, DAVID JAMES 2,990,052
RHEINISCH-WESTFALISCHE TECHNISCHE HOCHSCHULE AACHEN 2,989,464
RHEINMETALL WAFFE MUNITION GMBH 2,991,485
RHOADS, JAMES 2,990,441
RICARD, JEAN 2,991,323
RICHARD, SIMON 2,991,072
RICHARDSON, WILLIAM 2,989,516
RICHAUD, JOHAN L. 2,990,601
RICHTER GEDEON NYRT. 2,982,232
RICHTER GEDEON NYRT. 2,989,930
RICO ALVARINO, ALBERTO 2,989,659
RIISBERG, LONE 2,989,488
RIKEN 2,991,013
RILEY, BRIGIT E. 2,991,301
RINGOLD, CLAY E. 2,990,824
RISTOCK, HERBERT WILLI ARTUR 2,989,799
RITZEFELD, MARKUS 2,979,585
RIZZI, ENRICO 2,990,496
ROBBINS, REBECCA J. 2,990,818
ROBBRECHT, JOHAN 2,991,372
ROBERSON, MARK W. 2,990,600
ROBERT, STEPHANIE 2,991,139
ROBERTS, KIRA BULAZEL 2,989,169
ROBICHAUD, ALBERT JEAN 2,991,214
ROBICHAUD, ALBERT JEAN 2,991,311
ROBICHAUD, ALBERT JEAN 2,991,313
ROBICHAUD, GUILLAUME 2,991,094
ROBICHAUD, GUILLAUME 2,991,095
ROBINSON, JOHN M. 2,981,512
ROBINSON, TIMOTHY MARK 2,991,037
ROCKTAPE, INC. 2,990,608
RODER, GUNTHER 2,990,877
RODICUT INDUSTRY S.A.U. 2,990,858
RODIN, IGOR' YUR'EVICH 2,990,812
RODNEY, PAUL F. 2,990,100
RODNEY, PAUL F. 2,990,154
RODONI, PHILIP 2,990,594
RODONI, PHILIP 2,990,602
RODONI, PHILIP 2,990,617
RODRIGUES, ELIAS D. 2,990,599
RODRIGUES, LINO X., JR. 2,990,965
RODRIGUEZ ANTON, FERNANDO 2,986,010
RODRIGUEZ, CARMEN N. 2,990,951
RODRIGUEZ, ERNESTO M., JR. 2,989,821
ROESLER, ROBERTA 2,982,842
ROGERS, DICK 2,990,629
ROHM AND HAAS COMPANY 2,990,616
ROKEY, ERIC 2,991,474
ROMANOVA, YULIA ROMANOVNA 2,991,023
ROMMELAERE, JEAN 2,990,749
ROSEMOUNT INC. 2,989,861
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,989,908
ROSENQVIST, NINA 2,990,555
ROSINGER, CHRISTOPHER HUGH 2,990,078
ROSINI, ROBERTO 2,990,312
ROSS, RUSSELL FREDERICK 2,991,455

ROSS, RUSSELL FREDERICK 2,991,459
ROSSEY, IEBE 2,989,378
ROSSI, BENJAMIN 2,990,511
ROSSI, BENJAMIN 2,990,518
ROUSSEAU, ADRIEN 2,982,033
ROUSSEAU, ADRIEN 2,982,040
ROWE, CORALIE CLAUDE MONIQUE 2,990,191
ROWE, MICHAEL D. 2,990,038
ROWLAND, JOHN HUDSON 2,991,409
ROYAL BANK OF CANADA 2,991,073
RUBALSKIY, DMITRIY ENRIKOVICH 2,990,403
RUBICON GLOBAL HOLDINGS, LLC 2,990,594
RUBICON GLOBAL HOLDINGS, LLC 2,990,602
RUBICON GLOBAL HOLDINGS, LLC 2,990,617
RUBIN, MARIE 2,991,006
RUDNITSKAYA, ALEKSANDRA 2,990,165
RUGER, DIETMAR 2,982,275
RUI, LINGYUN 2,989,321
RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG 2,990,749
RUSCA, WAGNER FRANZIN 2,982,842
RUTZ, ANDREAS 2,990,732
RWE POWER AKTIENGESELLSCHAFT 2,990,081
RX 1186, LLC 2,991,476
RYGIEL, TOMASZ 2,989,489
RYGIEL, TOMASZ 2,989,491
S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A. 2,989,274
S.P.M. FLOW CONTROL, INC. 2,991,124
SAELENS, XAVIER 2,989,378
SAGE THERAPEUTICS, INC. 2,991,214
SAGE THERAPEUTICS, INC. 2,991,311
SAGE THERAPEUTICS, INC. 2,991,313
SAINSBURY, FRANK 2,991,139
SAINT-GOBAIN PLACO SAS 2,990,506
SAITO, YUJI 2,990,776
SAKAI, TAKAYUKI 2,991,020
SAKURAI, KEN 2,990,572
SALAPATEK, ANNE MARIE 2,990,815
SALAPATEK, RONALD STEVEN 2,990,815
SALENTINE, MARK T. 2,989,805
SALITURO, FRANCESCO G. 2,991,214
SALITURO, FRANCESCO G. 2,991,311
SALITURO, FRANCESCO G. 2,991,313
SALLA, RAJENDER 2,991,481
SALMOIRAGHI, ELEONORA 2,990,515
SAMPATH, DEEPAK 2,990,465
SAMPLIX S.A.R.L. 2,990,092
SAMSON, WILLIAM DOUGLAS 2,989,176
SAMSUNG ELECTRONICS CO., LTD. 2,985,773
SAMSUNG ELECTRONICS CO., LTD. 2,986,214
SANCHEZ SILVA, MAURICIO 2,990,750
SANDHU, SHIVRAJ SINGH 2,989,658
SANDOVAL, FERMIN A. 2,990,639
SANDOVAL, FERMIN A. 2,990,866
SANDOZ AG 2,990,546
SANDVIK INTELLECTUAL PROPERTY AB 2,989,715
SANDVIK INTELLECTUAL PROPERTY AB 2,989,913
SANG, YIJUN 2,990,472
SANGAMO THERAPEUTICS, INC. 2,991,301
SANKARAN, VENKATARAMAN 2,990,597
SANOFI 2,991,367
SANOFI PASTEUR, INC. 2,990,635
SANTEN PHARMACEUTICAL CO., LTD. 2,991,015
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